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## PRINCIPAL'S MESSAGE

At Lord Byng Secondary School, we are working to strengthen learning, engagement, and pride in our school community. As part of our commitment to learning, we would like to see every student fully engaged in a balanced program of courses. It is our belief that students benefit from engaging in a variety of pursuits that go beyond academics. Students at Byng have the opportunity to choose from an extensive range of courses in Fine Arts and Applied Design, Skills and Technology (Business Education, Information Technology, Technical Studies, and Home Economics). We will build the timetable around the course choices our students make each spring; so we expect students and parents to discuss these choices. It is often not possible to make adjustments in September. We would recommend that students use the 5 Year Planner in this booklet to plan a balanced program over their years at Lord Byng.

### PRINCIPAL

Mr. G. Taylor

### VICE-PRINCIPALS

Mr. B. King

Ms. G. Tsui

### BYNG ARTS COORDINATOR

Byng Arts Mr. J. Hartley-Folz

### COUNSELLORS

Grade 8 Ms. Sullivan /

Ms. J. Allen

Grade 9 Ms. K. Tanner

Grade 10 Ms. T. McKay

Grade 11 Ms. N. Sandhu

Grade 12 Ms. M. Smith

Cover Art by Rose Wu

Cover Art Coordination by  
**J. Hartley-Folz**

**It is the responsibility of each student to ensure that the appropriate sequence of courses leading to graduation is completed and that the entrance requirements of the selected post-secondary institution are met.**

**The information included in this book is accurate at the time of printing. It is highly recommended this be used as a guide and that students check with any post-secondary institution regarding policy at this time.**

**This course book lists course offerings. Student course selection does not necessarily guarantee that the course will be offered, rather that is dependent on course enrollment.**

## PURPOSE OF THE COURSE PLANNING BOOK

The purpose of the Course Planning Book is to provide students and parents with the information necessary to make thoughtful course selections. In senior secondary schools, students need to be aware of three outcomes:

1. Graduation requirements
2. Post Secondary Entrance Requirements
3. Career preparation for post-secondary opportunities

Every program in every post-secondary institution is different and each one has its own entrance requirements. You need to prepare for future educational goals. Your task is to plan your courses carefully and be committed to your course of study for next year. Please remember that our timetable is created and our school organized based on your initial course selections.

## HOW TO USE THIS COURSE PLANNING BOOK

1. Study the graduation requirements.
2. Study the Course Selection Guidelines.
3. Read the course descriptions and determine what, if any, prerequisites must be met.
4. Choose the program and course sequence that you feel is most suitable to your interest, abilities and possible future vocation.
5. If you are in doubt about any aspect of your program, or if you have any questions not answered in this book, see your Counsellor for assistance.

## FACTORS TO CONSIDER IN MAKING YOUR DECISIONS

As you think about choosing your courses for next year, you should ask yourself:

1. What are my required courses? That is, what **foundation** and **elective** courses must I take for graduation?
2. What courses are required for my post-secondary plans: colleges, technical schools or universities?
3. What courses do I need to enter jobs or job training programs in which I am interested?
4. Am I developing my full potential by developing all my interests?
5. What will be the total time demand of my learning program? Am I realistically able to do this?

## ACADEMIC INFORMATION AND GRADUATION PROGRAM REQUIREMENTS

### Grade 8 Courses:

Required Courses	Elective Courses
English 8	Fine Arts 8 (Choose one of):
Social Studies 8	Art 8
Science 8	Drama 8
Math 8	Music 8: Band
Phys. & Health Ed. 8	Music 8: Choir
French 8	Music 8: Orchestral Strings
ADST 8	
Career Education 8	

### Grade 9 Courses:

Required Courses	Elective Courses
English 9	French 9
Social Studies 9	Choose two courses from the following areas:
Science 9	Fine Arts
Math 9	Performing Arts
Phys. & Health Ed. 9	Media Arts
Career Education 9	Technical Studies
	Home Economics
	Information Technology

### Grade 10, 11 and 12 Graduation Requirements

In order to graduate with a Dogwood, every student in the Graduation Program must earn a total of **80 credits**, consisting of **48 credits from required courses**, **4 credits for Graduation Transitions** and **28 credits from elective courses**. These courses include: Planning 10 and Graduation Transitions. You must have a minimum of 16 credits at the Grade 12 level, including Language Arts 12. You must have at least four courses (16 credits) in one Focus area.

#### Required Courses (48 credits)

<u>Course</u>	<u>Credits</u>
Planning 10	4
a Language Arts 10	4
a Language Arts 11	4
a Language Arts 12*	4
a Mathematics 10	4
a Mathematics 11 or 12	4
a Fine Arts &/or Applied Skills 10, 11 or 12	4
Social Studies 10	4
a Social Studies 11 or 12	4
a Science 10	4
a Science 11 or 12	4
Physical Education 10	4
* <b>Provincially examinable course</b>	

#### Graduation Transitions (4 credits)

Students must earn 4 credits for Graduation Transitions. Graduation Transitions is mandatory course and must be completed in order to graduate. All BC secondary students who are enrolled in Grade 10, 11 or 12 as of September 1, 2007, and beyond must demonstrate they have met the following requirements for:

- Personal Health – maintain a personal health plan and participate in at least 80 hours of moderate to vigorous physical activity, in addition to PE10.
- Community Connections – participate in at least 30 hours of work experience and/or community service and describe what was learned.
- Career and Life – complete a transition plan.

At Lord Byng, students will be introduced to the requirements of the Transition Plan in grade 10 and are expected to complete

and present the required package of information by the spring of their grade 12 year. The Graduation Transitions teacher will be available for support or consultation.

#### Elective Courses (28 credits)

See individual departments for course descriptions.

#### Focus Areas

Through elective choices, students will meet one or more focus areas

- Business And Applied Business
- Fine Arts, Design, And Media
- Fitness And Recreation
- Health And Human Services
- Liberal Arts/Humanities
- Science And Applied Science
- Tourism, Hospitality, And Foods
- Trades And Technology

#### Graduation Program Exams

The new Graduation Program requires all students to write two graduation exams:

- A language exam (in 2017-18, that will be the English 12 provincial)
- A numeracy exam (in 2017-18, that is covered by the Math 10 provincial students already wrote in grade 10)

The English 12 exam is worth 40% of the student's mark.

## COURSE FEES

The school will provide free of charge the instructional materials necessary for participation in an educational program that meets general graduation requirements. Schools may charge deposits and fees for optional items such as fieldtrips, events, musical instruments, workbooks, DVDs and other materials over and above the basics provided for all. The Board of Education Trustees is committed to ensuring that no school-age student will be denied an opportunity to participate in a course, class or program because of an inability to pay fees. Parents and guardians unable to pay some or all of school a fee or deposit are invited to speak to their child's teacher, grade counsellor, and/or an administrator.

## COUNSELLING DEPARTMENT

Students and parents must be well informed concerning requirements for specific courses of study, graduation requirements and admission requirements to post secondary programs. While it is important to keep as many options open as possible, a student's program should be realistic and based on interests and abilities.

With the dramatic changes taking place in the world of work and the fast developing global economy, students should take advantage of the wide variety of programs and opportunities available at Byng. Also, students are encouraged to become actively involved in school activities outside of their scheduled classes. Participation in programs such as Applied Design Skills and Technology, Fine Arts, Clubs, and Athletics contribute to the total school experience and aid students in achieving their full potential.

### Counsellors for September 2017

Grade 8	Ms. S. Sullivan / Ms. J. Allen
Grade 9	Ms. K. Tanner
Grade 10	Ms. T. McKay
Grade 11	Ms. N. Sandhu
Grade 12	Ms. M. Smith

### Educational Counselling

To help students maximize their scholastic achievements and educational opportunities, we present and discuss information on:

- Academic progress
- Course planning
- Time-tabling
- Post secondary planning
- Online courses
- Advanced Placement Courses
- Equivalency credit
- Application forms
- Scholarships
- Financial assistance
- Study skills
- Reference letters
- Language Challenge Exam

While much of this work is done in guidance classes, there is also an on-going process of individual counselling as the need arises.

## ADVANCED PLACEMENT (AP)

Advanced Placement (AP) is a program of college-level courses and exams for secondary school students. AP courses challenge interested students by providing exciting in-depth opportunities. The standards, curricula and exams are set by the American College Board. These courses also provide an opportunity for students to distinguish themselves for their academic excellence and enhance their opportunities for entrance scholarships to universities. In 2016-2017, Lord Byng offered Advanced Placement Calculus, English Literature, French Language, Statistics and Computer Science.

## CHALLENGE AND EQUIVALENCY

Provision is now made for students to obtain credit for prior learning through Challenge and Equivalency.

The purpose of Challenge is to permit students to obtain full credit for courses numbered 11 or 12 without participating in regular classroom instruction. Students who request the opportunity to challenge a course must be able to give strong and compelling evidence that they will succeed in the challenge and that it is in their best interests.

The process of challenge will involve extensive and varied demonstrations that indicate that all learning outcomes of a course have been achieved. It is anticipated that only a very small number of students with particularly unique backgrounds will attempt a course challenge.

The purpose of Equivalency is to recognize credentials equivalent to the grade 11 or 12 levels, acquired by students from other educational jurisdictions, and from outside the regular school system. The equivalency process is not intended to recognize prior learning that does not include a certificate or credential. Equivalency credit will be granted only if the prescribed learning outcomes from provincially developed courses are met.

## DISTANCE LEARNING

On-line Grad program courses (grades 10-12) are available through VLN (Vancouver Learning Network) and other ministry approved providers. Not all students are suited to this type of learning. Students should choose on-line method of curriculum delivery only after consultation with their counsellors.

## CAREER EDUCATION AND PLANNING

To continue to expand students' knowledge of education options and career choices by exploring:

- Career possibilities
- Interests

Examples of strategies employed are:

- Guest speakers
- Group & individual counseling
- Post secondary liaison
- Use of computer resources (Career Cruising, CD-ROM Educational files, etc.)
- Interest inventories

## CAREER INFORMATION CENTRE

**Mr. Johnny Lam**  
**Career Information Assistant**  
**Room 122 (beside the library)**  
[jlam@vsb.bc.ca](mailto:jlam@vsb.bc.ca)

The CIA role is to advise students on post-secondary, volunteer, employment, and scholarship opportunities. Up-to-date information is available on application procedures, requirements, and deadlines for institutions across Canada and the United States. A number of post-secondary representative events, an annual Career Fair, and visits to local institutions are coordinated through the Career Centre. The CIA is also available to assist with scholarship searches, resumes, and interview preparation. <http://blogs.vsb.bc.ca/jlau/>

Hallway television systems, PA announcements, and a number of bulletin boards are utilized to promote upcoming career related opportunities, and scholarships to Lord Byng students. Parents are most welcome to visit the Career Centre.

## CAREER EXPLORATION

Students must also complete and document 30 hours of Career Exploration spent during their grade 10, 11 or 12 year. The hours in a career related activity can be met in many ways, not just actual on-site work. The Ministry of Education has stated there are two ways to address the mandatory 30 hours of Career activity; school arranged or student arranged (non-school arranged).

Career exploration activities are high quality, educationally sound, experiential in nature and linked directly with a child's personal goals as indicated in their Student Learning Plan. Some school programs such as Career Preparation satisfy the work exploration requirement. For the most part however, it is the student's responsibility to arrange his/her career exploration. The school does provide some guidance and direction in this area.

## WORK EXPERIENCE PROGRAMS

**Ms. Kathleen Whelan**  
**Work Experience Coordinator**  
**Room 302**  
[kwhelan@vsb.bc.ca](mailto:kwhelan@vsb.bc.ca)

**Sign-up: In the Work Experience Office in room A302**  
Signatures from parents are necessary as this is a 4 credit course.

Lord Byng offers a variety of Work Experience options for students in Grade 11 and 12. Work Experience is the 4 credit option available at Lord Byng. There are many other options offered through the VSB and can be seen on the VSB website under Career Programs and on the following page.

Students are enrolled in Work Experience programs on a voluntary basis. This program allows two years for completion of the requirements and is designed to provide options that enable students to develop an understanding of career possibilities, career expectations and job related skills. Work experience is intended to help students narrow their focus area and determine the best path to follow for post-secondary.

Students enrolled in Work experience are encouraged to take a minimum of two courses in Grade 11 and 12 related to their specialty area. The course is 120 hours in total, which includes at least 90 hours of participation in practical work experience (usually volunteer) within the community. The other hours are comprised of Worksafe orientation, networking sessions, resume and cover letter writing, job search skills, interest area assessment, specialized workshops and career events, a number of job shadow opportunities and an exit interview with reflection package and elevator speech. There are a number of ways to arrange volunteer placements. Successful completion of a Work Experience will qualify the student for a WEX Certificate and 4 credits toward the normal Secondary School Graduation Diploma.

Participation in practical work experience within the community is a requirement of the program. Worksafe, networking, resume and cover letter writing, job search and interest area assessment are some of the other components of the program. Successful completion of a Career Preparation Program will qualify the student for a Career Preparation Certificate, as well as credit toward the normal Secondary School Graduation Diploma.

Advantages for students are as follows:

- Delivered primarily off timetable in a mixed mode method.
- Course is organized and delivered by a VSB teacher.
- Grade 11 & 12 students can combine career studies with regular graduation requirements.
- Students may use their hours as part of their broad based application for post-secondary institutions.
- Students will gain a more comprehensive understanding of the working world including aspects of the workplace and the relationship involving management, employees and work organizations.
- Students will develop practical employability skills.
- Students will become aware of the job requirements in specific career fields. Contact with potential employers may lead to direct employment.
- Work Experience counts as a regular timetable course in Grade 12 and the mark may be used for Honour Roll calculation.
- Successful students will receive letters of reference.
- Students enrolled in Work experience use their work experience hours for Grad Transitions.

## ACE-IT PROGRAMS

The Vancouver School Board offers district programs for students to pursue industry certification or the foundation level of a trade program. These programs save time and money and offer a huge jump start for students who are also working towards high school graduation. The benefits include:

- Dual credit with post-secondary institution (most programs)
- Head start with Foundation program training
- Registration with the Industry Training Authority (ITA)
- Potential direct lead into an apprenticeship
- Work experience in the trade

For more information and an application form, please visit the VSB Career Programs website:

[careerprograms.vsb.bc.ca](http://careerprograms.vsb.bc.ca) - links to ACE IT, a pdf brochure for each program, and the application package. Also visit the Industry Training Authority website: [www.itabc.ca](http://www.itabc.ca). All students *applying* for ACE IT programs should register at their home school with a full course load. Schools will be asked to modify a student's timetable if the student is accepted into an ACE IT program.

Certification: successful completion of program will lead either to Level 1 technical training credit or a Certificate of Qualification from the Industry Training Authority.

Program	Where the program is taught	Credits towards graduation program	Timetable	Application Due	Month program begins
Auto Refinishing Preparation	VCC	20 credits	Monday - Thursday 8:00 am - 3:00 pm	November 30	February
Auto Collision Repair Technician	VCC	28 credits	Monday - Thursday 8:00 am - 3:00 pm	March 1	September
Auto Service Technician	Britannia	16 credits	Day 2	March 1	September
Baking and Pastry Arts	VCC	24 credits	Monday - Thursday 1:00 pm - 7:15 pm	November 30	August
Hairdressing	VCC	32 credits	Monday - Friday	March 1	September
	Coquitlam SD				February - 2 semesters
Carpentry	BCIT	16 credits	February - June Monday - Friday Semester 2	March 1	February
	Coquitlam SD	20 credits			
Cook	Sir Charles Tupper (priority to SCT students)	16 credits	Day 2	March 1	September
Cook	David Thompson	16 credits	Day 2	March 1	September
** Heavy Mechanical Trades	VCC – Annacis Island	32 credits	Monday - Thursday 36 weeks	3 months prior to intake	Feb, April, July, Sept & Nov
Plumbing	Piping Industry College of BC	4 credits	Mid-June to late July	March 1	June
Painting	Finishing Trades Institute of BC	4 credits	Mid-June to late July	March 1	June
** Millwright	BCIT	20 credits	Monday - Friday	March 1	February
** Motorcycle & Power Equipment	BCIT	20 credits	Monday - Friday	March 1	February
** Metal Fabrication	BCIT	20 credits	Monday - Friday	March 1	February

**\*\* Limited spots available – must contact Wendy Gilmour in the school year prior to program**

## Secondary School Apprenticeship:

Students with the skills and connections can start an apprenticeship in high school. Students who are already working in an apprenticeable trade can formalize the apprenticeship relationship with their employer. There are 4 courses (16 credits) available to these students when they have a formal ITA agreement arranged through Wendy Gilmour, Apprenticeship Facilitator 604-713-4470. Information and application forms are available on the VSB website: [careerprograms.vsb.bc.ca/](http://careerprograms.vsb.bc.ca/) → **Our Programs** → **Secondary School Apprenticeship**

## Dual Credit programs:

### Healthcare

Students will prepare to work as front line caregivers in home support, adult day care, assisted living, and complex care (including special care units).

- 28 weeks (September to March)
- 28 graduation credits
- Vancouver Community College

For additional information an application can be found on the VSB Career Programs website at: [careerprograms.vsb.bc.ca/](http://careerprograms.vsb.bc.ca/) → **Our Programs** → **Healthcare Assistant**

### Trades Sampler (Grade 12 or 12+)

A hands-on program through BCIT that gives students an overview in approximately 15 different trades including metal fabrication, welding, framing, and electrical.

- 12 weeks – February to May
- Monday to Friday, 7:00 am – 1:00 pm
- 12 graduation credits, if needed

For more information on the Trades Discovery program, contact Wendy Gilmour ([wgilmour@vsb.bc.ca](mailto:wgilmour@vsb.bc.ca)).

## School-based Programs:

### Tupper Tech - Skilled Trades Program at Sir Charles Tupper Secondary

A program for students who are not sure which trade is right for them.

- Day 2
- Students may be able to remain registered @ home school Day 1 for academics
- 24 graduation credits
- Grade 12 program

For more information on Tupper's program, contact Ms. Siu Ma ([ssma@vsb.bc.ca](mailto:ssma@vsb.bc.ca)) or visit our Program website: [careerprograms.vsb.bc.ca/](http://careerprograms.vsb.bc.ca/) → **Our Programs** → **Tupper Tech**

### Fashion Design and Technology

Students will enhance their construction skills; study history of costume, fashion merchandising; practice tailoring techniques and pattern drafting. Basic computer assisted design and fashion illustration will be practiced. In year 2, students will complete the graduation collection and portfolio needed for post-secondary entrance. Students may have the opportunity to participate in dual credit opportunities with a Fashion Design Program at a local post-secondary institute.

- Two-year cohort program: grade 11 & 12
- Day 2
- Eric Hamber Secondary

For additional information an application can be found on the VSB Career Programs website at: [careerprograms.vsb.bc.ca/](http://careerprograms.vsb.bc.ca/) → **Our Programs** → **Fashion Design & Technology**

### IT and CISCO Networking Program

Students will diversify and enhance their computer knowledge by building a computer, installing software and connecting the computer to networks and to the internet.

- Grade 12
- Day 2
- Killarney Secondary
- One-year cohort program
- Hands-on, laboratory courses
- Prepare for industry-recognized certification
- Receive advanced placement at BCIT

For additional information an application can be found on the VSB Career Programs website at: [careerprograms.vsb.bc.ca/](http://careerprograms.vsb.bc.ca/) → **Our Programs** → **CISCO**

## ELL PROGRAMS

The ELL program is designed to promote the acquisition of the English language. Since students acquire language at a different pace, some students will require less time in ELL while others will require more.

ELL students are placed in the appropriate level class based on reading and writing assessments. The Ministry of Education requires anecdotal reporting for ELL courses.

### ELL Level Courses

Beginners or reception-level students, as well as intermediate to advanced students, are required to take: ELL Literature, Writing, Science, and Social Studies. They are integrated in mathematics and electives. Typical elective courses for integration include: Information Technology, Art, Physical Education, Band, Choir, Orchestra, ELL Drama, Woodworking and Foods.

### Transitional Level Courses

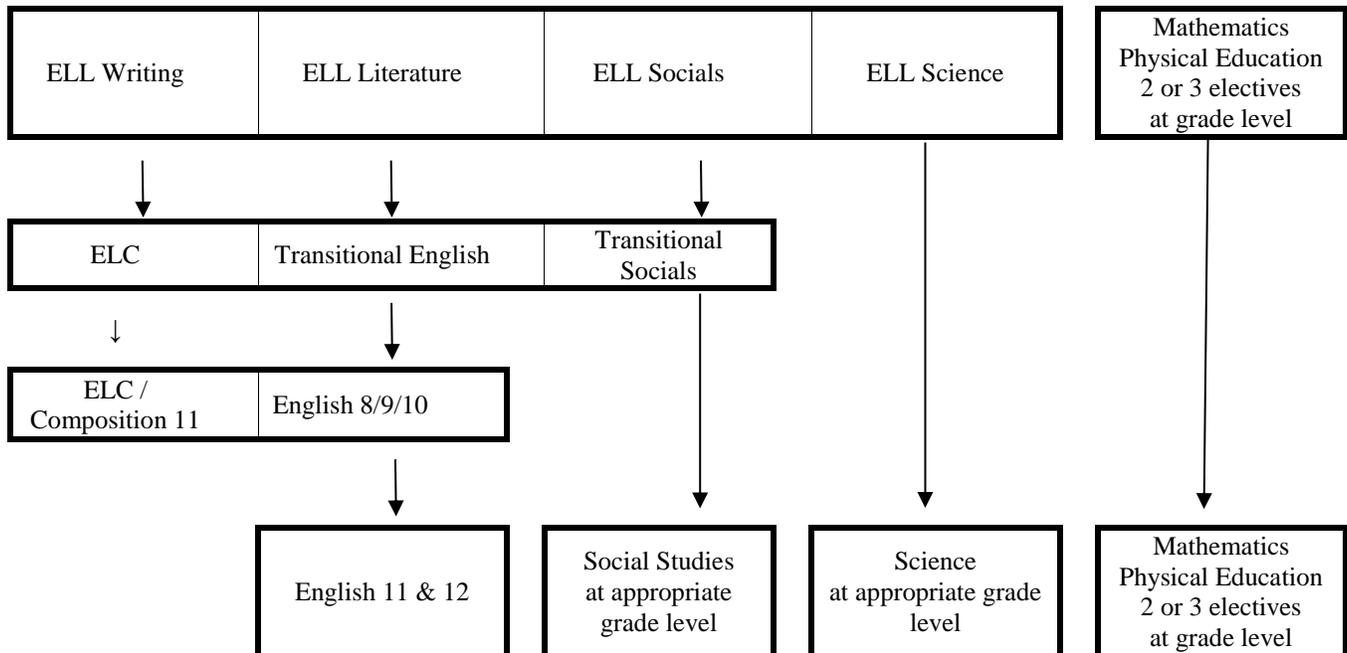
These courses are for students whose English level is still not strong enough to achieve success in regular English or Social Studies courses. In addition to Transitional English and Social Studies, students also take an English Language Support Course

### English Learning Centre

This represents the last phase while students are integrating into regular classes. This course supports students reading and writing below grade level or helps them to succeed in an academic environment.

**See the *Course Descriptions* section of this guide for detail**

### Lord Byng ELL Program



## SPECIAL EDUCATION PROGRAMS

The following are descriptions of the special education programs at Lord Byng.

### **Skills Development Centre** Grades 8 to 12

Skills development is a school-based service designed for students having difficulty in organizing, processing, or retaining information.

*Placement procedure:* referral to SDC can be made by the:

- Elementary LAC teacher
- Regular subject teacher
- Administration, counselors, or Resource Teacher
- Student or parents
- School-based team
- VSB central screening
- Skills Teacher

### **School Based Resource Program** Grades 8 to 12

**Purpose of program:** The School Based Resource Program provides specialized services for students with learning or physical impediments who are fully integrated into regular or Byng Arts program. School Based Resource Teachers assist referred students with integration, transition into Byng, provide course adaptations and/or modifications, provide alternate teaching techniques, and formulate, communicate and monitor implementation of IEP goals. As well, the SBRT will work closely with the school psychologist to complete the adjudication process for Provincial exams. The SBRT is responsible for informing classroom teachers of specific accommodations and adaptations necessary to meet the needs of IEP students. Individual work with students is done as needed.

**Placement procedure:** Ministry designated students are referred from central screening, and/or elementary or private school, and students referred from School Based Team. Students with private psycho-educational reports will be referred to central screening for designation consideration.

### **Learning Assistance and Life Skills** Grades 8 to 12

Placement procedure: through the VSB Low Incidence Consultant/Case Manager, The purpose of the program is to:

- Promote personal independence
- Develop decision-making skills
- Teach life skills
- Emphasize social and communication skills
- Provide career awareness and work experience
- Improve functional academics
- Utilize community-based instructors
- Support integration in subject areas of interest
- Provide transition to post-secondary options

### **School-Based Team**

The School Based Team is an ongoing team of school based personnel, such as the grade administrator, the learning resource teacher, classroom teachers, and grade counselor. On a case-by-case basis, the team *may* include district resource staff, representatives from community services and agencies, the parents/guardians, and student, if he/she is willing and able. The team meets regularly and works as a problem-solving unit assisting classroom teachers to develop and implement instructional or management strategies, and to coordinate resources for students with exceptional needs within the school. The School Based Team may refer students to the District for educational/psychological assessments and other testing services, and will then work together to implement recommendations flowing from those assessments.



The Vancouver Board of Education operates three Adult Education (AE) centres throughout Vancouver; centres may provide outreach programs at offsite locations and offer youth programs.

AE centres provide students with a wide array of flexible and student-centred learning opportunities that range from the basic literacy level (Ministry Foundations courses, Levels 1-7) to high school completion.

The Foundations courses help students develop or strengthen specific core skills needed for Grade 10/11/12 courses and obtain a high school diploma. All courses, both Foundations and Grade 10/11/12, follow prescribed Ministry curriculum.

To meet student needs for flexible programming, centres offer courses from early morning to evening, including Saturdays and operate year round with a variety of schedules:

- Semester (2 terms per year; beginning Sept. and Feb.)
- Quarter system (9 week terms; beginning Sept., Nov., Feb., Apr.)
- Summer term (6 week term)

Depending on student needs, each Centre provides a variety of course formats which may include:

- Self-paced courses (blended paper-based instruction with face-to-face assistance) from Foundations to Grade 10-12 courses
- Structured courses at the Foundations and Grade 10/11/12 levels

Students at our centres reflect the diversity of language and cultural backgrounds in Vancouver and range in age from 16 to seniors. Each of the Centres responds to the specific needs of its community and program offerings reflect student course requests and enrollment patterns.

*\*Please note that students attending adult centres must be 16 years old (on July 1 of the current school year) and follow MOE course concurrency rules to be eligible for Ministry funding.*

**Adult Education Centres in Vancouver**

<p><b>Gathering Place Education Centre at Gladstone</b> Tel:(604) 257-3849 Fax:(604) 257-3851 <a href="http://go.vsb.bc.ca/schools/adulted">http://go.vsb.bc.ca/schools/adulted</a></p>
<p><b>Main Street Education Centre</b> Tel: (604) 713-5731 Fax: (604) 713-4473 <a href="http://go.vsb.bc.ca/schools/adulted">http://go.vsb.bc.ca/schools/adulted</a></p>
<p><b>South Hill Education Centre</b> Tel: (604) 713-5770 Fax: (604) 713-5769 <a href="http://go.vsb.bc.ca/schools/adulted">http://go.vsb.bc.ca/schools/adulted</a></p>



The Vancouver Learning Network is designed to provide opportunities for students to complete secondary school courses in a flexible manner. The program provides a comprehensive selection of quality secondary courses that are delivered largely through asynchronous and self-paced approaches. These courses may replace those in the student's local school, be in addition to their school program, or be a program of full-time studies at VLN.

**Course Offerings at the Vancouver Learning Network (VLN)**

VLN offers a full program of courses from Grade 8-12. Courses of particular interest to students may be those which the home school cannot offer or timetable:

A unique course across all subject areas is Independent Directed Studies, a course which allows students to pursue a topic of interest under the mentorship of a teacher and other experts.

For more information and a complete course list, please visit the VLN website at <http://vln.vsb.bc.ca>

## BYNG ARTS MINI SCHOOL PROGRAM

### Byng Arts Program Coordinator:

Mr. J. Hartley-Folz

**Application Deadline: Mid-December**

**Website:** [byng2.vsb.bc.ca/byngarts/](http://byng2.vsb.bc.ca/byngarts/)

**Email:** [byngarts@vsb.bc.ca](mailto:byngarts@vsb.bc.ca)

### Program Description

Byng Arts operates as a school-within-a-school and is a community of staff, students, and parents within the larger artistic and academic communities in Vancouver. Successful applicants to Byng Arts will be students who not only direct their energy and passions towards the Fine Arts, but who are also curious, self-motivated, and have demonstrated a record of strong academic achievement.

Students in Byng Arts will have a Fine Art specialization in one of the following areas: Band, Choir, Drama, Media Arts, Strings, or Visual Arts and after Grade 8, further opportunities are available in Literary Arts. Students attend several of their academic classes together as a cohort of motivated learners -- English, Social Studies and Science classes are especially streamed for this reason and students must attend these classes with their classmates as part of the program.

In addition to an enriched curriculum, all students in Byng Arts participate in events, which feature community artists, musicians and performers. These events strengthen the collaboration between Byng and the professional arts community. Student participation is recorded in their Byng Arts Passport and is a mandatory part of their program at Byng Arts.

### Program Fee \$100

This fee is charged to cover the costs of Byng Arts events, the passports, and to support the academic and fine art specialty courses through additional supplies, field trips and guest speakers.

### Grade 8 Program

- Specialization in one of the following: Band, Choir, Drama, Media Arts, Strings, or Visual Arts
- Streamed in: English, Social Studies and Science,
- Streamed in Visual Arts, Media and Drama; Choir, Strings and Band are integrated with other music classes at the appropriate level
- Integrated with main school for French, Mathematics, Physical Education and an Applied Skills/Arts rotation

### Grade 9 & 10 program

- Specialization in one of the following: Band, Choir, Drama, Media Arts, Strings, or Visual Arts
- Streamed for core academics (English, Social Studies, Science). Students are expected to complete their academics at Byng, as part of their mini-school program (summer school classes and/or online programs impact our ability to offer our programs). Students may be removed from the mini school if they do not follow expectations.

- One English class is designated as the Literary Arts class, English Department permission is required to enroll
- Integrated with main school in French/Spanish, Mathematics and Physical Education
- Integrated with main school for other electives in Applied Skills or Fine Arts

### Course Selection for Grade 9 and Grade 10

Grade 9	Grade 10
<sup>1</sup> English 9: Byng Arts Socials 9: Byng Arts Science 9: Byng Arts PE 9: or Dance 9 <sup>2</sup> Mathematics <sup>2</sup> FR9 or higher or <sup>3</sup> another elective from Table A below	<sup>1</sup> English 10: Byng Arts Socials 10: Byng Arts Science 10: Byng Arts PE 10: or Dance 10 <sup>2</sup> Mathematics FR10 or higher or Spanish 10
Fine Arts Specialty: Chosen from Table A below	
Fine Arts Elective: Chosen from Table A below	

Notes:

1. One block of English is designated the Literary Arts class for each grade, students must have permission from their English teacher to enroll.
2. Check course prerequisites. Students are responsible for selecting the appropriate level of mathematics and language.
3. Students who have been given permission by the Byng Arts Coordinators to take another elective may select from Table A instead of French 9. Students are encouraged to explore other Fine Arts disciplines.

### Table A Fine Arts Specialty Classes & Electives (\*Instructor permission required)

Animation 9/10  
 \*Art 9: Byng Arts Honours  
 \*Art 10: Byng Arts Honours  
 Art 9/10: Ceramics Intro  
 Art 11/12: Graphic Arts  
 Art 9/10: Sculpture Intro  
 Art 9/10: Year 1 to 4  
 Art Metal 10: Intro or Advanced  
 Drama 9  
 \*Drama 9: Byng Arts Theatre Arts  
 Drama 10  
 \*Drama 10: Coaching  
 Jewelry 9/10  
 Media Arts 9/10 Beginner, Intermediate or Advanced  
 Music 9/10: Band Beginner, Junior or Intermediate  
 \*Music 9/10: Band Senior Wind  
 Ensemble  
 Music 9/10: Choir (Junior, Intermediate, Senior, or \*Honours)  
 \*Music 9/10: Jazz Band Junior, Intermediate or Senior  
 Music 9/10: Orchestral Strings Junior, Intermediate or \*Senior  
 Music 9/10: Orchestra \*Junior Honours or \*Senior Honours  
 Music 9/10: Symphony \*Junior or \*Senior  
 Music 11/12: Composition and Technology  
 Photography 9/10: Beginner or Advanced  
 Textiles 9/10

## Senior Program

It features fewer streamed courses to allow greater specialization

- Streamed in English and Social Studies and one or two intensive Fine Art courses
- Integrated in other courses; may include other intensive courses in Fine Art electives
- Specialization in Fine Arts courses towards a Minor, Major or Honours concentration

### Course Selection for Seniors

- Students must maintain a fine art focus in their course selection to remain in the Byng Arts program. Students are expected to enroll in course work that will result in Byng Arts certification. ***Students without a concentration will not be permitted to remain in the program.***
- In addition, all Byng Arts students must be enrolled in the following during:
  - Grade 11 - English 11: Byng Arts or \*English 11: Enriched and Social Studies 11: Byng Arts
  - Grade 12 - English 12: Byng Arts or \*AP English Literature and Composition**-Students are not permitted to take these courses online or during Summer School**

Note: Descriptions, prerequisites and a downloadable course guide can be found on-line at <http://byng.vsb.bc.ca/>.

Students must be sure that graduation and entrance requirements for post-secondary institutions are met before selecting further Fine Arts or Applied Arts electives. Students should consult with the Byng Arts Coordinator for advice.

### Typical Course Selections for the Focus Areas

In general, Senior Byng Arts students focus on one of these areas.

(\*Instructor permission required)

#### Honours Art – [Visual Arts]

- \*Art 11: Byng Arts Honours
- \*Art 12: Byng Arts Honours
- 2 other courses taken from Table B

#### Music - Honours Orchestra - [Strings]

- \*Music 11/12: Orchestral Strings
- \*Music 11/12: Orchestra Junior or Senior Honour

#### Music - Band - [Band]

- \*Music 11/12: Band Intermediate or \*Senior Wind Ensemble
- \*Music 11/12: Jazz Band

#### Music - Symphony - [Band or Strings]

- \*Music 11/12: Symphony Junior or Senior
- 2 other courses music courses in Strings or Band

#### Music – Choir

- Music 11/12 (Junior, Intermediate or Senior)
- Music 11/12 \*Honour Choir

#### Literary Arts - [Literary Arts]

- \*English 11: Enriched
- \*AP English Literature & Composition 12
- English Literature 12
- Creative Writing 12

#### Drama - Television & Film - [Drama]

- \*Media Arts 11/12: Intermediate or \*Advanced
- Theatre Performance 11/12: Acting
- Film Studies 11/12
- Drama: Film Actors Process 11/12

#### Drama - Stage - [Drama]

- \*Theatre Company Senior 11 (2 credits)
- \*Theatre Company Senior 12 (2 credits)

### Table B Senior Fine Art Electives by Focus Areas (\*Instructor permission required)

#### Drama

Theatre Performance 11/12: Acting

Drama: Film Actors Process 11/12

\*Theatre Production 11

#### Media Arts

Animation 11/12:

Film Studies 11/12

Media Arts 11/12: Beginner, Intermediate or \*Advanced

#### Music

Music 11/12: Band Junior, Intermediate or Senior Wind Ens.

Music 11/12: Choir Junior, Intermediate, Senior or \*Honours

Music 11/12: Composition and Technology

Music 11/12: Jazz Band Intermediate or \*Senior

Music 11/12: Orchestral Strings Intermediate or \*Senior

#### Visual Arts

Art 11/12: Ceramics Intro or Advanced

Art 11/12: Graphic Arts

Art 11/12: Sculpture Beginners or Advanced

Art 11/12: Years 1 to 5

Jewelry 11/12

Metal Art 11/12: Intro or Advanced

Photography 11/12: Beginners or Advanced

Textiles 11/12

Annual Production 11/12

#### Literary Arts

Creative Writing 12

English Literature 12

### BYNG ARTS CERTIFICATION CRITERIA

Students in Byng Arts are recognized in their graduation year for work in their chosen art focus area (Band, Choir, Strings, Drama Stage, Media: Film & Television, Visual Arts, Literary Arts) according to the following criteria:

**Honours:** Completion of a minimum of four courses in their chosen field, at the Grade 11 or 12 level, with an average of 86% or higher, with no mark falling below 80%

**Major:** Completion of a minimum of four courses in their chosen field, at the Grade 11 or 12 level, with an average of 80% or higher.

**Minor:** Completion of a minimum of three courses in their chosen field, at the Grade 11 or 12 level, with an average of 80% or higher.

**Interdisciplinary, Honours:** Completion of a minimum of four courses at the Grade 11 or 12 level, chosen from two fine art disciplines, with an average of 86% or higher with no mark falling below 80%.\*

**Interdisciplinary, Major:** Completion of a minimum of four courses at the Grade 11 or 12 level, chosen from two fine art disciplines, with an average of 80% or higher.\*

*\*Interdisciplinary certificates must meet a minimum standard of rigour. It is recommended that you speak to the Byng Arts Coordinator in September to seek clarification on our minimum standards*

## Course Descriptions

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### **BUSINESS EDUCATION**

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#### **Accounting 11 (MAC—11)**

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**Grades:** 10 to 12

**Prerequisite:** None, but basic computer skills are an asset

Money is the lifeblood of any business, and basic knowledge of accounting principles is essential if you are planning a career in business or intend to study business at college or university. By the end of the course you will be able to complete the financial records for a small service company, up to and including preparation of the income statement and balance sheet. Students will also have the opportunity to use a computer software package and will learn the basics of accounting, "the language of business".

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#### **Accounting 12 (MACC-12)**

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**Grades:** 11 to 12

**Prerequisite:** Accounting 11

This course will continue on from where the Accounting 11 course left off. This is an excellent course for students planning to pursue post-secondary studies in accounting, finance, or business. Topics in this course include: • Posting • Financial Statements and Accountability • Cash Control and Banking • Accounting for Merchandising Business • Business Organization and Decision Making • Personal income taxes. Financial Accounting 12 uses the same workbook as Accounting 11 along with accounting software such as Sage 50 and Quickbooks.

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#### **Business Education 10 (MBEG-10)**

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**Grades:** 9 or 10

In this course you will be presented with opportunities to explore and better understand business concepts and principles related to finance, marketing and entrepreneurship. You will gain the knowledge and skills necessary to manage personal finances through topics such as banking, budgeting, investing and goal setting. You will learn about the roles and responsibilities of individuals as consumers and producers and the impact of their decisions on the marketplace. You will work independently and with others to solve business problems, developing your business communication skills and becoming familiar with available business technology.

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#### **Management Innovation 12 (MMI—12)**

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**Grades:** 11 or 12

**Prerequisite:** None but Business Education 10 is helpful

Do you want to be successful in Business? How do I become a great leader? This course is designed to provide you with the knowledge and hands on experience required in order to be an effective leader in an ever changing world. You will learn how to assess organizational problems, provide solutions, different types of business structures and organizational culture. This will include: • Human Resource Management • Hiring Practices and Employee Rights • How to be an effective manager • Running a company through simulation • Ways to motivate employees • Business Etiquette • Corporate Social Responsibility • You may have the opportunity to meet successful managers in the field, practice interview skills, solve case studies in groups, and reflect on your own entrepreneurial qualities and experiences.

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#### **Marketing 11 (MMK—11)**

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**Grades:** 11 or 12

**Prerequisite:** None, but Business Education 10 is helpful.

Marketing is the skill of developing goods and services and moving them from initial planning to the final consumer. In Marketing 11, an introductory course in retail marketing, you will learn the daily operations of a small business, including planning, pricing, distribution and promotion of products or services. Field trips will help you learn about large-scale retail merchandising, and projects will give you the opportunity to create, implement and analyze various marketing strategies.

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#### **Marketing 12 (MMK—12)**

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**Grades:** 12

**Prerequisite:** None, but any other senior business course is helpful

Marketing 12 is a course focused on product planning and bringing new products to market. You will learn the art of promotion and "selling the sizzle". Field trips will help you learn about large-scale merchandising, advertising and sales promotion. We will study national and international marketing, and consider the challenges faced by Canada in the coming years. This course is a good foundation for post-secondary studies in business.

## Course Descriptions

### INFORMATION & COMPUTER TECHNOLOGY

#### AP Computer Science A 12 (ACSC-2A)

**Grades:** 11 to 12

**Prerequisite:** 70% or higher in Programming, Advanced

This is an advanced placement course in computer science that will focus on Object-Oriented Programming in the Java programming language. Students who successfully complete this course and achieve a high ranking on the AP exam will get credit for their first-year university computer science course at many Universities. This intensive course is a university level difficulty course in the art and science of programming, and is designed to get you well on your way in a career in Computer Science and Computer Engineering. Visit Mr. Pelletier's website for more information: <http://lordbyng.net/pelletier>

#### ICT: Computer Programming 10/11/12: Intro (YCIAS0ASC1/MICTP11SC1/ MICTP12SC1)

**Grades:** 10, 11 or 12

**Prerequisite:** None, but a 60% or higher in mathematics is recommended

Beginning Programming is an entirely new, project-based course this year! I am proud to be teaching Processing, a powerful Java framework that allows us to create beautiful visualizations, work with enormous data sets in real time, and of course, make awesome browser games. We will write programs work with all sorts of data, everything from creating animations from data to mining social media accounts (for example, we made a program that finds the 100 most recent people to tweet #yolo in a 5km radius around Byng). And all the while, we will be building a strong programming foundation for higher levels of computer science education. Visit Mr. Pelletier's website for more information: <http://lordbyng.net/pelletier>

#### ICT: Computer Programming 10/11/12: Advanced (YCIAS0ASC2/MICTP11SC2/ MICTP12SC2)

**Grades:** 11 or 12

**Prerequisite:** 60% or higher in Programming Intro

In this class, you will take your programming skills to the next level. First you will learn Java, a powerful programming language, taught at most universities. You will then use your Java programming skills to program virtual tanks in the international AI competition, Robocode. Finally, you will build and program Lego robots to solve a variety of problems. Your robots will also compete in head-to-head competitions with other students' robots in events such as robot soccer and sumo wrestling.

If you are interested in taking AP Computer Science, it is recommended that you take this course first to best prepare yourself. Visit Mr. Pelletier's website for more information: <http://lordbyng.net/pelletier>

#### Information Technology 09/10/11/12 (MINT-09/MINT-10/MICTS11/MICTS12)

**Grades:** 9 to 12

Ever wanted to make you own web site or create beautiful artwork on your computer? In this project-based course, you will be introduced to a number of topics, including web design (using HTML5, CSS3, and Javascript), graphic design (using Photoshop), video game design (using Scratch). Visit Mr. Pelletier's website for more information: <http://lordbyng.net/pelletier>

### HOME ECONOMICS

#### Foods and Nutrition 08 (MFDN-08)

#### Textiles 08 (MTXT-08)

**Grades:** 8

**Supplemental Supplies:** \$TBA

All Grade 8's will take the Applied Skills 8 Survey Program. This course will give students a variety of learning experiences in several areas of practical arts. The Home Economics portion of this course will cover one or more of the following areas of study: Foods and Nutrition, Fibre Arts, or Clothing and Textiles.

In Foods and Nutrition 8, students will develop skills in basic food preparation. Good eating habits and nutrition are emphasized throughout the course. Students also develop skills in cooperation and working within groups during practical foods labs. In Fibre Arts and Clothing and Textiles 8, students will construct a small craft project. Students will develop confidence in the use and control of the sewing machine and learn basic sewing construction.

#### Foods and Nutrition 9 (MFDN-09)

**Grades:** 9

**Supplemental Supplies:** \$TBA

This is an introductory course in foods and nutrition. This course gives students a wide range of experiences in basic food preparation, while learning about the foods and cultures of a variety of countries and around the world. Breakfasts, lunches, dinners and snack foods are prepared. Good nutrition, as well as the importance of good preparation techniques, meal planning and service, food storage and food safety are highlighted.

#### Foods and Nutrition 10 (MFDN-10)

**Grades:** 10

**Supplemental Supplies:** \$TBA - aprons may be purchased

Culinary science is the focus of this course in foods and nutrition. Students will gain knowledge and skills in the art and science of how ingredients work and interact together. There will also be a focus on the significance of all nutrients in our diet. Through practical lab experiences, individual and group work, students will gain confidence in becoming a better, creative cook.

## Course Descriptions

### **Foods and Nutrition 11/12: Senior B (2016-2017) Celebrations (MFDN-11/MFDN-12)**

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**Grades:** 11 or 12

**Prerequisite:** Foods and Nutrition 9 and 10 preferred

**Supplemental Supplies:** \$TBA

The theme for this course is “Food for Celebrations and Entertaining”. Students will prepare foods from around the world and will have many opportunities to practice culinary skills. This course is intended to provide you with ‘recipes for life’, with further experiences in acquiring knowledge and skills that you will need to make safe, nutritionally balanced meals and to make informed decisions about the food you buy and consume. This course also includes FoodSafe certification.

### **Foods and Nutrition 11/12: Senior A (2017-2018) On My Own (MFDN-11/MFDN-12)**

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**Grades:** 11 or 12

**Prerequisite:** Foods and Nutrition 9 and 10 preferred

**Supplemental Supplies:** \$TBA

The theme for this Senior Foods course is “On My Own”. The focus is to acquire the knowledge and skills necessary to make healthy food choices as an independent young adult. Personal food habits & choices, feeding others, budget & time restrictions, food safety, and special occasions are addressed. Advanced cooking techniques are used. Experimentation with a variety of unfamiliar foods is encouraged

### **BA Psychology 11 (YPSYC1A)**

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**Grades:** 11 or 12

Psychology 11 is an introductory course that is intended to give an overview of psychology. Students will explore the brain and its functions, multiple personality disorder and other aspects of abnormal psychology, dreams, and states of consciousness, stress and effects of mental illness to name a few. This is an opportunity for students to learn about the mind and behaviour and the role it plays in their lives.

### **Studio Arts 11/12: Fabric & Fibre Textile Arts and Crafts 11/12 (MSAFF11/MSAFF12)**

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**Grades:** 11 or 12

**Supplemental Supplies:** \$TBA

Building on your knowledge and skills acquired in Grade 8 Fibre Arts or Clothing and Textiles, you will plan and create functional and decorative one-of-a-kind items. Projects depend on student interest and current trends. Emphasis is on working with textile fibres so projects and skills may include knitting, quilting, toy making, embellishing with embroidery, fabric paint, and appliqué.

### **Textiles 09/10/11/12: Year 1 (MTXT-09/MTXT-10SC1/MTXT-11SC1/MTXT-12SC1)**

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**Grades:** 9 to 12

**Supplemental Supplies:** \$TBA

This is an introductory course in Clothing and Textiles for students in Grades 9 – 12 who have had little or no previous experience in clothing construction. Students will construct at least 3 garments with commercial patterns, giving them an opportunity to learn basic construction techniques and methods of pattern alterations. Projects are selected according to the student’s sewing ability, personal lifestyle, wardrobe needs, and current fashion trends. Students will also have the opportunity to explore textile items from a variety of cultures.

### **Textiles 10/11/12: Year 2 (MTXT-10SC2/MTXT-11SC2/MTXT-12SC2)**

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**Grades:** 10 to 12

**Prerequisite:** Clothing and Textiles intro

**Supplemental Supplies:** \$TBA

This is a course for students who have completed Year 1 or HE10. Students have knowledge of basic construction techniques and would like to improve their sewing skills. Students will be encouraged to try more challenging patterns in order to build on their knowledge and understanding of construction techniques. Projects vary based on student interest. Project possibilities include lined jackets, outdoor wear, and formal dresses.

### **Textiles 11/12: Year 3 (MTXT-11SC3/MTXT-12SC3)**

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**Grades:** 11 or 12

**Prerequisite:** Clothing and Textiles Intermediate

**Supplemental Supplies:** \$TBA

This is a course for students who have completed Year 2 or Textile Studies 11. (Students with at least 2 years sewing experience may also take this course with the consent of the teacher.) The focus will be on advanced sewing techniques that may include pattern drafting, designing one’s own garment, tailoring, working with challenging fabrics, and exploring fashion design principles.

### **Textiles 12: Level 4 (MTXT-12SC4)**

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**Grades:** 12

**Prerequisite:** Clothing and Textiles Advanced

**Supplemental Supplies:** \$TBA

**Further Senior Textile Studies classes for very advanced students are available. Please see instructor for details.**

## Course Descriptions

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### TECHNICAL STUDIES

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#### **Art Metal / Jewelry 08 (MTE—08-MA) Woodwork 08 (MTE—08-WW)**

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**Grades:** 8

**Prerequisite:** None

**Supplemental Supplies:** \$TBA

All Grade 8's will take the Applied Skills 8 Survey Program. This course will give students a variety of learning experiences in several areas of practical arts. The Technical Studies portion of the course will cover one of two course options in the AS8 sections: Woodworking or Art Metal & Sculpture.

The main objective of Technical Studies 8 is to introduce students to a subject area in Technical Studies. The courses are designed to encourage maximum student performance in a safe, supportive, challenging, purposeful shop environment while students develop their critical thinking and hand skills.

Past/current project examples include wooden boats, metal wire sculpture, wood gumball machines and silver rings.

#### **Art Metal 09/10/11/12: Intro (MTE—09-MA/MTEM-10SC1/MMFM-11SC1/MMFM-12SC1)**

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**Grades:** 9 to 12

**Prerequisite:** None

**Course fee:** \$TBA for consumable supplies; more will be charged on an individual basis depending on individual projects and materials.

This project-based course will introduce students to various metal fabrication processes: Oxy-Acetylene and MIG welding, lathe work, casting and sheet metal procedures. Project work combines mandatory skill builders, design and build challenges, as well self-directed or student-centered projects (subject to instructor approval). This is a course that is geared towards creativity, innovation, and the maker in all of us.

Project examples: Armoring, small tools, bike/go cart frames, sheet metal boxes, metal sculptor, bicycle maintenance/modification, glass torch work, and more!

#### **Art Metal 10/11/12: Advanced (MTEM-10SC2/MMFM-11SC2/MMFM-12SC2)**

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**Grades:** 10 to 12

**Supplemental Supplies:** \$TBA (more may be charged on individual basis depending on individual projects and materials)

Students will continue to develop their skills in welding, lathe work, casting and sheet metal processes, building on their experiences from the Art Metal Introductory course. Projects are largely student led giving participants the opportunity to build and create according to their own interests. It is possible, in these senior courses to double block this course (take two classes in the same year).

Byng Arts students have the opportunity to participate in an independent directed study course. This study would be developed in conjunction with the student, their parents, the Byng Arts administrator and instructor.

#### **Art 09/10/11/12: Sculpture Intro (MVA—09SP1/MVAC-10SP1/MSACS11SP1/MSAC12SP1)**

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**Grades:** 9 to 12

**Prerequisite:** None

**Supplemental Supplies:** \$TBA for consumable supplies

Learn to express yourself in three dimensions. This course takes elements of art and design and allows students to create 3D art pieces (vinyl toys, sculptures) and design objects (cellphones, mp3 players, building models). Students will take an idea from its conception to its fruition while giving attention to both artistic and technical detail. Architectural, conceptual and aesthetic elements will be involved.

Initially, students will work on simple projects proposed by the teacher. These projects will be created from materials such as clay, metal, wood, stone, plastic and paper. In order to fully implement their own ideas later in the course, students will explore the capabilities of various casting, molding and modeling techniques. Students will be guided on which tools to use with which materials and at the same time learn about their safe operation and handling. This course counts towards Visual Arts credits in the Mini School.

#### **Art 10/11/12: Sculpture Advanced (MVAC-10SP2/MSACS11SP2/MSAC12SP2)**

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**Grades:** 10, 11 or 12 with permission

**Prerequisite:** Introductory Sculpture, or permission from instructors

**Supplemental Supplies:** \$TBA for consumable supplies

Skills learned in Introductory Sculpture will be applied in greater detail as students build upon their foundation skills. Project ideas or themes are introduced by the instructor and change from year to year. Students use processes in the studio to explore ideas/themes and their reaction to them. This course counts towards Visual Arts credits in the Mini School.

## Course Descriptions

### **Carpentry & Joinery 11/12 Fine Woodworking (MCJ--11/MCJ--12)**

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**Grades:** 11 to 12

**Prerequisite:** 2 years of experience

**Supplemental Supplies:** \$TBA; additional costs may occur based on individual students' needs (i.e. size of project or material being used)

The emphasis of this course is furniture and/or cabinet making. For those with woodworking experience, this will be a more advanced course in machine and hand tool processes. Students will work with the instructor to select or design a project suitable to their skill level. Students desiring to build a large project and/or with unique materials will be required to create a materials cost sheet so parental approval can be obtained. This is to make sure that special costs are explained and then approved of before construction begins. It is possible, in these senior courses to double block this course (take two classes in the same year).

Byng Arts students have the opportunity to participate in an independent directed study course. This study would be developed in conjunction with the student, their parents, the Byng Arts administrator and instructor.

Past projects examples are: Chest of drawers, cabinets with doors, Muskoka/Adirondack chairs, tool/hope chests, doors, and entertainment units.

### **Drafting and Design 09/10/11/12: Beginner (MTE--09DS1/MTED-10/MDD--11/MDD--12)**

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**Grades:** 9 to 12 (if you have 0 to 1 year of experience)

CAD (Computer-Assisted Drafting) is a recommended course for any students enrolled in any Tech Studies course or intending to pursue a career in engineering, design, architecture and interior design. Interested students have the opportunity to take this subject class over 4 years of their education.

The visual communication of ideas is introduced using engineering and architectural drawing techniques while learning to use an industry standard program, AutoCAD. By graduated assignments, students will gain skills in a variety of areas: orthographic projection, section views, pictorial drawing (i.e. perspective drawing), dimensioning, architecture and interior design.

### **Drafting and Design 12: Advanced Design (MDDA-12)**

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**Grades:** 12 (if you have had 2 years experience)

**Prerequisite:** CAD Intro

This is a recommended course for any students enrolled in any Tech Studies course or intending to pursue a career in engineering, design, architecture and interior design.

Students will continue to reinforce engineering and architectural techniques and AutoCAD skills while doing auxiliary views, pictorial drawing, further architectural projects, etc.

### **Jewelry 09/10/11/12 (MTE--09-JL/YIA--0A/YIA--1A/YIA--2A)**

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**Grades:** 9 to 12

**Prerequisite:** None

**Supplemental Course fee:** \$TBA; additional costs may occur based on individual student needs (i.e. size of project or material being used)

This studio-based course will focus primarily on the handcrafting of jewelry. By engaging the design process, students are given the freedom to ideate, plan and create custom jewelry items. Techniques and processes include soldering, specialty hand tools, enameling, etching, cuttlefish casting, lost wax casting, wirework and more. Students may also choose to explore art metal (sculptor, fabrication) and glass work (small torch, fusing, stained glass). The main materials used are copper, brass, and nickel silver, although students may also work with sterling silver at additional cost.

Byng Arts and regular students may be interested in this subject area, as it is an "alternative" fine art.

Challenges can be found in designing their own work within the project parameters. Students will see their designs go from two-dimensional renderings into three-dimensional objects. Interested students have the opportunity to take this subject over 4 years of their education.

Typical projects: necklace, bracelets, pendants, rings, and earrings.

### **Technology Education 10: General (MTEG-10)**

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**Grades:** 9 or 10

**Supplemental Supplies:** \$TBA

Have an idea for a better bicycle, ski shape, or even a better mousetrap? This class is for the inventor in all of us. Along the way, new skills will be gained, as teacher and students share in the building adventure. Emphasis is placed on the practical aspects of the projects. If all goes well, your new idea might end up in a patent pending form.

### **Technology Education: Woodwork 09/10 (MTE--09-WW/MTEW-10)**

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**Grades:** 9 to 12 (if you have 0 to 1 year of experience)

**Supplemental Supplies:** \$TBA

This course is set up as an introduction to woodwork using teacher selected project work. This will involve the safe use of hand tools and machines, construction steps and finishing techniques. The concept in these courses is to build student skill levels so by the time they take Fine Woodworking, in grades 11 and 12, they have a working knowledge to build quality individual projects. Interested students have the opportunity to take this subject over 4 years of their education.

Typical projects: cutting board, wall mounted DVD cabinet, table with or without a drawer, keepsake box, nightstand with drawer, wall mounted shelf with drawers and hidden mounting bracket.

## Course Descriptions

### BAND

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**Music 08/09/10/11/12: Band 1 Beginner**  
(MMU--08BA1/MMU--09BA1/MMCB-10--1/MIMCB11--1/  
MIMCB12--1)

**Grades:** 8 to 12

**Supplemental Supplies:** \$TBA. Instruments are available for rent from the school.

Instruction on traditional concert band, wind and percussion, instruments for students with no previous experience. Students will perform at school and participate in field trips to observe concerts. Grade 12s registered for Beginner Band will receive IMCB11 credit.

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**Music 08/09/10/11/12: Band 2 Junior**  
(MMU--08BA2/MMU--09BA2/MMCB-10--2/MIMCB11--2/  
MIMCB12--2)

**Grades:** 8 to 12

**Prerequisite:** At least one year of previous band experience, or through private lessons or director's approval.

**Supplemental Supplies:** \$TBA

Junior Band is designed for students with at least one year of previous band experience. This band performs concerts at the school, at District Festivals, and throughout the community. Each year, this band goes on a trip to Camp Squamish, or a town close by, such as Powell River (2001) or Fraser Valley (2010). They will receive music clinics and work with guest conductors. Musicians will play a large variety of enjoyable music and will be given countless opportunities to express themselves creatively.

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**Music 08/09/10/11/12: Band 3 Intermediate**  
(MMU--08BA3/MMU--09BA3/MMCB-10--3/MIMCB11--3/  
MIMCB12--3)

**Grades:** 8 to 12

**Prerequisite:** At least two year's band experience, or through private lessons or director's approval.

**Supplemental Supplies:** \$TBA

The Intermediate Band is designed for students with at least two year of previous band experience. This band performs concerts at the school, at District Festivals, and throughout the community. Each year, this band goes on a trip to Camp Squamish, or a town close by, such as Powell River (2001) or Fraser Valley (2010). They will receive music clinics and work with guest conductors. Musicians will play a large variety of enjoyable music and will be given countless opportunities to express themselves creatively.

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**Music 09/10/11/12: Band 4 Senior Wind Ensemble**  
(MMU--09BA4/MMCB-10--4/MIMCB11--4/MIMCB12--4)

**Grades:** primarily 10 to 12 by audition only

Byng Arts Requirement

**Prerequisite:** At least three years of previous experience of which at least two must be at the secondary level or director's approval

**Supplemental Supplies:** Music \$TBA

**Off Timetable Course**

The Wind Ensemble is designed for serious music students who wish to be challenged by an advanced musical repertoire. This group of talented individuals has received outstanding adjudication's whenever and wherever they have performed and they are regularly asked to perform throughout the lower mainland. This wind ensemble takes major trips every second year. So far, we have traveled to Southern California (1999), Hawaii (2001), Austria and Germany (2003), New York City (2005), Italy (2007), England, Wales and Scotland (2009), China (2011), France and Belgium (2013), and New York City (2015, where they performed in Carnegie Hall). There will be smaller trips in alternating years (ex. Okanagan Tour 2000, Vancouver Island and Calgary in 2002, the West Kootenays in 2004, Powell River in 2006, the Cariboo in 2008, Vancouver Island 2010, Banff 2012, and Kamloops 2014).

This band meets off timetable but is a full credit course.

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**Music 08/09/10/11/12: Jazz Band 2 Junior**  
(MMU--08JB2/MMU--09JB2/MMJB-10--2/MIMJB11--2/  
MIMJB12--2)

**Grades:** 8 to 12

**Prerequisite:** 1 year band experience or director's approval

**Corequisite:** Enrolled in another band class concurrently

**Supplemental Supplies:** \$TBA

**Off Timetable Course**

Develop your skill playing Jazz music! Students enrolled in this class develop a basic jazz vocabulary, learn jazz articulation and phrasing, and start to learn how to improvise. Students may play a different instrument from that played in Concert Band. The Junior Jazz Band will perform at school concerts, and possibly in our school neighbourhood. This band meets off timetable but is a full credit course.

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**Music 08/09/10/11/12: Jazz Band 3 Intermediate**  
(MMU--08JB3/MMU--09JB3/MMJB-10--3/MIMJB11--3/  
MIMJB12--3)

**Grades:** 8 to 12

**Prerequisite:** 1 year band experience or director's approval

**Co-requisite:** Enrolled in another band class concurrently.

**Supplemental Supplies:** \$TBA

**Off Timetable Course**

Develop your jazz skills including improvisation! Students must already be familiar with jazz techniques and vocabulary. Students may play a different instrument from that played in Concert Band. This band will perform at District Festivals, school concerts, and meets off timetable but is a full credit course.

## Course Descriptions

### **Music 08/09/10/11/12: Jazz Band 4 Senior** (MMU--08JB4/MMU--09JB4/MMJB-10--4/MIMJB11--4/ MIMJB12--4)

**Grades:** 8 to 12

**Prerequisite:** 1 year band experience or director's approval

**Co-requisite:** Enrolled in another band class concurrently

**Supplemental Supplies:** \$TBA

**Off Timetable Course**

This auditioned group is meant for students who are serious about developing improvisation skills and meeting the challenge of playing advanced big band jazz music. Students may play a different instrument from that played in Concert Band. The Senior Jazz Band plays in District festivals, school concerts, as well as public performances all over Vancouver. The band is featured with professional musicians in our annual Swyng With Byng dance in the spring. This band meets off timetable but is a full credit course.

### **Peer Tutoring 12 (Band) (YIPS-2B)**

**Grades:** 11 or 12

**Prerequisite:** Permission from instructor and enrolled in Band

Peer tutors are teaching assistants: tutoring, coaching, and demonstrating musical ideas to younger music students. Advanced music students will be given opportunities to learn conducting techniques and apply them in class.

## CHOIR

### **Music 08/09/10/11/12: Choir 2 Junior** (MMU--08CC2/MMU--09CC2/MMCC-10--2/MCMCC11--2/ MCMCC12--2)

**Grades:** 8 to 12

**Supplemental Supplies:** \$TBA

The Junior Concert Choir is designed for students who have *less than 1 year* of singing experience. Students enrolled in this course will have the opportunity to learn how to read music, develop fundamentals in vocal skills, and knowledge of singing a variety of songs in 2-part harmony that includes Pop, Jazz, Broadway, and Classics of choral pedagogy. Students in the Junior Concert Choir have the opportunity to attend District Choral Festivals.

### **Music 08/09/10/11/12: Choir 3 Intermediate** (MMU--08CC3/MMU--09CC3/MMCC-10--3/MCMCC11--3/ MCMCC12--3)

**Grades:** 8 to 12

**Supplemental Supplies:** \$TBA

The Intermediate Concert Choir is designed for students who have *2 years* of experience in choral singing. Students who are enrolled in the Intermediate Concert Choir will have the opportunity to further develop their singing skills and knowledge by singing a variety of genres in 3-part or 4-part harmony that includes Pop, Broadway, and Secular music. Students in the Intermediate Concert Choir have the opportunity to attend District Choral Festivals and Annual Retreats.

### **Music 08/09/10/11/12: Choir 4 Senior** (MMU--08CC4/MMU--09CC4/MMCC-10--4/MCMCC11--4/ MCMCC12--4)

**Grades:** 8 to 12

**Supplemental Supplies:** \$TBA

The Senior Concert Choir is designed for students who have *3 or more years* of singing experience in one of the Concert Choirs at Lord Byng. Students who are enrolled in the Senior Concert Choir are prepared to sing a variety of genres that are in 4-part harmony that includes Secular and Sacred Music. Students in Senior Concert Choir have the opportunity to travel overseas, participate at District Choral Festivals, and compete in national festivals held in Canada and the United States.

### **Music 08/09/10/11/12: Chamber Choir Honours** (MMU--08CH4/MMU--09CH4/YVPA-0C/YVPA-1C/YVPA-2C)

**Grades:** 8 to 12

**Prerequisite:** Permission of the Director

**Supplemental Supplies:** \$TBA

**Off Timetable Course**

The Honours Chamber Choir Ensemble is designed for students who are passionate, committed, and dedicated in choral singing and musical excellence. Students who wish to enroll in the Honours Chamber Choir must participate in an audition with Ms. Lan before the March break. Once accepted into the Chamber Choir Ensemble, students must take both Honours Chamber Choir with Senior Concert Choir as co-requisites. Students in Honours Chamber Choir Ensemble will have the opportunity to perform at Festivals, Competitions, and travel overseas to China (2011), France & Belgium (2013), and Spain (2015).

### **Peer Tutoring 12 (Choir) (YIPS-2B)**

**Grades:** 11 or 12

**Prerequisite:** Permission from instructor

**Course fee:** None

Peer tutors are teaching assistants: tutoring, coaching, and demonstrating musical ideas to younger music students. Advanced music students will be given opportunities to learn conducting techniques and apply them in class.

## Course Descriptions

### MUSIC COMPOSITION

#### **Music: Composition and Technology 11/12 (MMCT-11/MMCT-12)**

**Grades:** 11 or 12

Byng Arts Requirement

**Prerequisite:** Grades 9 and 10 may take the course with permission of instructor before signing up. Some piano (keyboard) and theory experience is an asset.

**Supplemental Supplies:** \$TBA

Students will develop skills in music composition and performance by writing, studying and performing in various small ensemble groups. Course work will involve some computer usage and studies in theory, history, form and listening. Students enrolled in Music Composition 11 or 12 will receive 2 credits for Fine Arts and 2 credits for Applied Skills.

### STRINGS

#### **Music 08/09/10/11/12: Orchestral Strings 1 Beginner (MMU--08ST1/MMU--09ST1/MMOS-10--1/ MIMOS11--1/MIMOSS12--1)**

**Grades:** 8 to 12

**Supplemental Supplies:** \$TBA and students may be available for rental from the school

This course is designed for students to begin playing a string instrument (violin, viola, cello, bass, piano). Students will participate in the Fall Orchestra Retreat at Whistler and in all school concerts. Pianists apply with teacher's approval.

#### **Music 08/09/10/11/12: Orchestral Strings 2 Junior (MMU--08ST2/MMU--09ST2/MMOS-10--2/MIMOS11--2/ MIMOSS12--2)**

**Grades:** 8 to 10

**Prerequisite:** 2 or more years experience on a string instrument  
**Supplemental Supplies:** \$TBA

This course is designed for students who have up to 2 years playing a string instrument (violin, viola, cello, bass). Students will participate in the Fall Orchestra Retreat at Whistler. Pianists apply with teacher's approval.

#### **Music 08/09/10/11/12: Orchestral Strings 3 Intermediate (MMU--08ST3/MMU--09ST3/MMOS-10--3/ MIMOS11--3/MIMOSS12--3)**

**Grades:** 8 to 12

**Prerequisite:** 3 years or more experience on a string instrument

**Supplemental Supplies:** \$TBA

This course is designed for students who have at least 3 years in the VSB String Program or private instruction on the violin, viola, cello, bass, or piano. Students will learn instrumental technique, rehearsal and performance skills, and will study music from the standard orchestral repertoire. This group will participate in the Fall Orchestra Retreat at Whistler, the District Orchestra Concert at the UBC Chan Centre, and will perform in school concerts. In some years, there may be a spring competition. Pianists apply with teacher's approval.

#### **Music 08/09/10/11/12: Orchestral Strings 4 Senior (MMU--08ST4/MMU--09ST4/MMOS-10--4/ MIMOS11--4/MIMOSS12--4)**

**Grades:** 8 to 12

**Prerequisite:** 4 or more years of experience on a string instrument or permission of the teacher

**Supplemental Supplies:** \$TBA

This course is designed for students who have had a minimum of four years in the VSB String Program or private instruction on the violin, viola, cello, bass, or piano. Students will learn advanced instrumental technique, rehearsal and performance skills, and will study music from the standard string orchestra repertoire. Opportunities will be provided for small chamber groups. This group will participate in the Fall Orchestra Retreat at Whistler, the District Orchestra Concert at the UBC Chan Centre, school concerts, and provincial competitions. Pianists apply with teacher's approval.

#### **Music 08/09/10/11/12: Orchestra Junior Honour (MMU--08OR2/MMU--09OR2/MMOS-10--5/YVPA-1H--2/ YVPA-2H--2)**

**Grades:** 8 to 10

**Prerequisite:** Appropriate experience, motivation, and by audition

**Supplemental Supplies:** \$TBA

**Off Timetable Course**

Unique to Lord Byng, this course is designed for highly motivated junior students to work as a chamber ensemble on more advanced repertoire, to be prepared to work independently with student leaders and to perform with or without a conductor. The Honour Orchestra will participate in the Fall Orchestra Retreat at Whistler, the District Orchestra at the UBC Chan Centre, the Kiwanis Festival, provincial and national competitions, and in some years, international competitions (Portland, Seattle and Atlanta), and will form the core group for a String Tour (TBA). Pianists apply with teacher's approval.

## Course Descriptions

### **Music 08/09/10/11/12: Orchestra Senior Honour** (MMU—08OR4/MMU—09OR4/YVPA-0AOR4/YVPA-1H--4/ YVPA-2H--4)

**Grades:** 10 to 12

**Prerequisite:** Appropriate experience, motivation, and by audition

**Supplemental Supplies:** \$TBA

**Off Timetable Course**

Unique to Lord Byng, this course is designed for highly motivated junior students to work as a chamber ensemble on more advanced repertoire, to be prepared to work independently with student leaders and to perform with or without a conductor. The Honour Orchestra will participate in the Fall Orchestra Retreat at Whistler, the District Orchestra at the UBC Chan Centre, the Kiwanis Festival, national (provincial) competitions, and in some years, international competitions (Portland, Seattle and Atlanta) and will form the core group for a String Tour (TBA). Pianists apply with teacher's approval.

### **Peer Tutoring 12 (Strings) (YIPS-2B)**

**Grades:** 11 or 12

**Prerequisite:** Permission from instructor, & enrolled in strings

Students enrolled are teaching assistants: tutoring, coaching, and demonstrating musical ideas to younger music students. Advanced music students will be given opportunities to learn conducting techniques and apply them in class.

## SYMPHONY

### **Music 08/09/10/11/12: Symphony Senior** (MMU—08SY4/MMU—09SY4/YVPA-0A--4/YVPA-1A--4/ YVPA-2A--4)

**Grades:** primarily 10 to 12

**Prerequisite:** Byng Arts; by audition only; At least three years of previous experience of which at least two must be at the secondary level or directors' approval

**Corequisite:** Enrolled in another music class concurrently.

**Supplemental Supplies:** \$TBA

The Lord Byng Symphony combines advanced members of both the Band and String programs to form a Symphony Orchestra. This course is unique within the School District and offers students an excellent opportunity to perform some of the vast orchestral repertoire.

### **Music 08/09/10/11/12: Symphony Junior** (MMU--08SY2/MMU--09SY2/YVPA-0A--2/YVPA-1A--2/ YVPA-2A--2)

**Grades:** primarily 8 to 10

**Prerequisite:** two or more years of previous experience, Directors' approval

**Supplemental Supplies:** \$TBA **Off Timetable Course**

The Lord Byng Junior Symphony combines members of both the Band and String programs to form a junior level symphony. This course is unique within the School District and offers students an excellent opportunity to perform full orchestral repertoire.

## DRAMA & THEATRE

Byng's Drama/Theatre program has a long-standing reputation for excellence. It has received the highest awards and distinctions in national and international competitions.

### **Drama 8 (MDR--08)**

**Grades:** 8

Drama 8 introduces students to the whole range of Drama activities: improvisation, theatre sports, basic acting, speaking skills, and scene composition. Some features include coaching and demonstrations by experienced senior students, workshops in such theatre areas as dance and mime, and opportunities to see plays. There is plenty of intellectual and creative challenge in Drama 8 but little written work. Drama 8 is enjoyable for students who have acting experience and also for students with no previous experience in Drama. It is a good start for those who wish to go on in acting as well as those who wish to overcome shyness and improve their self-confidence. For Drama 8 students who wish to act in plays, there are a number of extracurricular opportunities available each year.

### **Drama 8: Byng Arts Theatre Arts (MDR--08DC1)**

**Grades:** 8

This course allows students additional opportunities to apply the skills they are learning in Drama 8. It includes in-depth scene work, audition practice, script work, special effects and other topics of interest to students who are seriously interested in going on in acting. There may be opportunities for small productions during the year. As well, students must attend three theatre productions per year and write a journal about these productions. Occasional extra curricular rehearsals will be required.

### **Drama 9 (MDR--09)**

**Grades:** 9

Drama 9 includes many features of the Drama 8 program and introduces some long-term projects in such areas as play writing and performing, and scene composition. Drama 9 encourages self-expression and creativity. It uses a wide selection of enjoyable activities as starting points for acting. For Drama 9 students who wish to act in plays, there are a number of extracurricular opportunities available each year.

## Course Descriptions

### **Drama 9: Byng Arts Theatre Arts (MDR—09DC1)**

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**Grades:** 9

**Prerequisite:** Byng Arts, Drama 8 and entrance by teacher permission only

This course allows students additional opportunities to apply the skills they are learning in Drama 9. It includes in-depth scene work, audition practice, script work, special effects and other topics of interest to students who are seriously interested in going on in acting. There may be opportunities for small productions during the year. As well, students must attend three theatre productions per year and write a journal about these productions. Occasional extra-curricular rehearsals will be required.

### **Drama 10 (MDRG-10)**

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**Grades:** 10

**Focus Area:** FA

Drama 10 is a fast moving course. Students are introduced to playwriting, directing, stage combat, Theatre of the Absurd, and script work. Each student will gain acting experience in a number of comedic and dramatic roles, in scenes and short plays. Drama 10 may also include units in Musical Theatre, acting for film and a production for elementary schools when time permits. Script memorization is an integral part of the course.

### **Drama 10: Coaching (MDRD-10DC1)**

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**Grades:** 10

**Prerequisite:** Drama 9, Byng Arts, and teacher's permission

This is an intensive course for Drama 10 students in leadership, and stage and technical direction. The student is assigned as a coach (teaching assistant) to a Drama 8 or Drama 9 class on timetable, and to stage crew and directing assignments off-timetable. These students are required to direct junior students in an extra-curricular theatre project. They will also be featured in a scene showcase.

### **Drama: Film Actors Process 11/12 (MDFT-11/MDFT-12)**

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**Grades:** 11 and 12

**Prerequisites:** Previous experience in Drama and/or Media Arts at the Grade 9 level, Grade 10 recommended. Offered in alternative years with Theatre Performance: Acting 11/12.

Have you ever watched a movie actor and thought "I could do that!" Well, now you can. Although the professionals make it look easy, technique and technical knowledge specific to film is a must for actors. This class will guide you through the Film Actor's process, from getting an agent, getting on set and knowing what to do once you are there. Learn auditioning techniques, how to analyse a film script, adjusting from theatre to film, acting for commercials, and the styles of local television productions. Special attention will be given to the unique acting skills required on on-camera acting: continuity blocking eye lines and close-ups, hitting your marks, scene arcs, pacing, organic choices, and much more. You will also experience how the role of actor fits into the larger world of filmmaking, from casting directors to editors, from stunt doubles to directors. Local industry professionals will work alongside the Media Arts program, collaborating with film students on your own movie

projects, with the possibility of film festival submissions. This class is equally suitable for those pursuing a career in acting, as well as those who are creatively focused and eager to explore!

### **Theatre Company 11 (YVPA-1Q/MTPA-11DC1)**

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**Grades:** 11

**Prerequisite:** Byng Arts; A strong background in drama (Drama 8, 9, and 10), permission of the instructor, and a successful audition. Enrolment is limited.

**Corequisite:** Includes Theatre Company 11 and Theatre Performance 11

**Supplemental Supplies:** TBA

Theatre Company is an intensive production program for career-minded acting students and those who seek a challenge beyond that usually offered at the secondary level. The highest standards of work and dedication are required.

Students become members of a production company that stages a large number of productions each year. Each student plays a variety of roles as actor, director and technician. The wide range of productions includes comedies, tragedies, musicals and original compositions. In addition, students have extensive exposure to field professionals, workshops, festivals and conferences.

### **Theatre Company 12 (YVPA-2M/MTPA-12DC1)**

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**Grades:** 12

**Prerequisite:** Byng Arts; strong background in drama (Drama 8, 9, and 10), permission of the instructor, and a successful audition. Enrolment is limited.

**Corequisite:** Includes Theatre Company 12 and Theatre Performance 12

**Supplemental Supplies:** TBA

Theatre Company is an intensive production program for career-minded acting students and those who seek a challenge beyond that usually offered at the secondary level. The highest standards of work and dedication are required. Theatre Company puts special emphasis on orienting students to post-secondary programs and the profession through counselling and audition coaching.

Students become members of a production company that stages a large number of productions each year. Each student plays a variety of roles as actor, director and technician. The wide range of productions includes comedies, tragedies, musicals and original compositions. In addition, students have extensive exposure to field professionals, workshops, festivals and conferences.

## Course Descriptions

### **Theatre Performance 11/12: Acting** **(MTPA-11/MTPA-12)**

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**Grades:** 11 or 12

**Prerequisite:** Drama 9 and Drama 10 recommended, permission of instructor; priority to Byng Arts students

Acting 11/12 is an eclectic class focusing primarily on performance as well as critical analysis of character, script and performance. The goal is to build upon existing acting skills and explore their critical thinking and interpretation of the media and theatrical messages around them. They will explore and critically analyze the differences between stage and film and how each medium serves a role in informing culture in our society. They will actively examine scripts from past to present looking at historical contexts and social implications. Students will be expected to work with existing text and will also engage in script/play building as a class project.

### **Theatre Production 11 (MTPR-11)**

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**Grades:** 10 to 12

**Prerequisite:** Theatre 9 or Acting 10, Drama 9/10, any applied skills 9/10 courses, and permission of a visual/performing arts instructor

Theatre Production is a demanding course that is open to students who have an interest in the technical production side of theatre. This course focuses solely on the technical aspects of theatre production. Students will be involved in: stage design, lighting, sound, set construction, costumes, make-up, props and stage management. This course requires students who want to participate in technical theatre at a professional level and will support the Theatre Company's yearly productions

## **FILM & MEDIA ARTS**

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### **BA Film Studies 11 (YVPA-1F)**

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**Grades:** 11 or 12

**Supplemental Supplies:** \$TBA for consumable supplies

This is a comprehensive course in the history of film from its origins to the present. Important movies of each period and the most influential directors are studied in movies screened each week at the school and once a term at the Pacific Cinematheque Theatre, Downtown. This course is very similar to second and third year university film courses. A large number of films are studied, discussed, and written about. It will be of particular interest to students who enjoy analyzing and writing about the art of film.

### **BA Film Studies 12 (YVPA-2F)**

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**Grades:** 12

**Prerequisite:** Film Studies 11

**Supplemental Supplies:** \$TBA

This course is an intensive study of elements of film introduced in Film Studies 11. Each term, students undertake research in one area of film, for examples, directors or genres. Students demonstrate their findings through class presentations. For

research purposes, students are encouraged to use the film library at the Pacific Cinematheque. At times, students may be provided with mentors from the film industry to aid in their explorations.

### **Media Arts 9 (MVA-09MA1)**

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**Grades:** 9

**Prerequisite:** None

**Supplemental Supplies:** \$TBA

This course is an excellent introduction to video and filmmaking. From visualizing to storyboarding to scripting, the student will learn the various production techniques associated with electronic image making. Course content includes basic animation techniques and film studies.

### **Media Arts 10/11/12: Beginner** **(MVAM-10SC1/MVAMT11SC1/MVAMT12SC1)**

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**Grades:** 10, 11 or 12

**Supplemental Supplies:** \$TBA

This course is an excellent introduction to video and film making. From visualizing to storyboarding to scripting, the student will learn the various production techniques associated with electronic image making. Course content includes basic animation techniques and film studies.

### **Media Arts 10/11/12: Intermediate** **(MVAM-10SC2/MVAMT11SC2/MVAMT12SC2)**

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**Grades:** 10, 11 or 12

**Prerequisite:** Media Arts 9 or permission of the instructor

**Supplemental Supplies:** \$TBA

This course extends the skills learned in Media Arts Intro into the area of larger projects. Students will get a chance to take on larger more comprehensive videos improving their foundation skills. The option to follow a particular interest or niche area is also provided (ex: stop frame animation or special effects). An emphasis is placed on project work and students will be expected to work more independently than in the introductory course.

### **Media Arts 9/10/11/12: Advanced** **(MVA-09MA2/MVAM-10SC3/MVAMT11SC3/MVAMT12SC3)**

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**Grades:** 9, 10, 11 or 12

**Prerequisite:** Permission of the instructor

**Corequisite:** Students will be asked to apply to Byng Arts (if they are not already enrolled)

**Supplemental Supplies:** \$TBA

This course is designed for the serious minded student who is considering a career in the Motion Picture industry or wants to create high caliber work for any variety of personal reasons. This course demands a high level of commitment. Students are expected to put time out side of class into their projects. The focus of the work is on how to achieve a product of the highest value possible. Students in the course are granted access to professional caliber equipment and training to help them produce high quality work. Projects are designed with public exhibition in mind with special attention given to film festivals.

## Course Descriptions

### VISUAL ART

The art program is designed to interest students in artistic activities that have a practical value in their own lives, and that encourage them to think and behave as artists. We believe that all students are capable of high quality creative work, and that they can generate ideas and develop techniques within their visual field. Through exploration, they will evolve a visual vocabulary to enable them to express their thoughts and feelings. They will also be encouraged to develop verbal communication skills that will help them understand, discuss and cherish art forms. Students will complete required projects that encourage personal vision; they will also do independent work. The following course options are available at Lord Byng:

#### **Animation 09/10/11/12** **(MVA--09AN1/YCCT-0A/ YCCT-1A / YCCT-2A)**

**Grades:** 9 to 12

**Prerequisite:** Strong art/design background

Students will explore graphics, 2D animation, 3D animation and web graphics. We will investigate the hardware (scanners, digital cameras) and the software (Flash, Blender, PhotoShop) to support our projects. There will be explorations into sound and how to integrate computer-generated graphics into student videos.

#### **Annual Production 10/11/12** **(YCCT-0C/YCCT-1C/YCCT-2C)**

**Grades:** 9 to 12

**Prerequisite:** Teacher permission

This multi-grade, multi-ability-level class offers students a chance to learn and apply their computer skills to creating the school annual. Students are offered the opportunity to participate in the planning and execution of these tasks and learn new digital media skills. Knowledge of Fireworks, PageMaker, Photoshop, digital cameras, the Internet and written communication are an asset but all programs will be learned throughout the year. Teacher approval is required for entry to this class. Extra hours outside of class time required. Past attendance records are a concern for acceptance.

#### **Art 08/09/10: Year 1 Junior** **(MVA--08SC1/MVA--09SC1/MVAG-10SC1)**

**Grades:** 8 to 10 (classes organized by Grade)

**Supplemental Supplies:** Art kit and sketchbook, \$TBA for consumable supplies

This fun and creative course requires no previous art experience. Students will be introduced to a variety of media such as oil pastels, paints, charcoal, India ink, collage, ceramics, and printmaking. Projects may include doodle art, cartooning, abstract painting, and sculpting an object in clay. A sketchbook of ideas, interests and artwork is worked on each week. Effort and a willingness to try new things are at the foundation of this course.

#### **Art FOUNDATIONS 10/11/12: Year 1 Senior** **(MVAG-10SC1/MAF--11SC1/MAF--12SC1)**

**Grades:** 10 to 12 (classes organized by Grade)

**Supplemental Supplies:** Art kit and sketchbook, \$TBA for consumable supplies

This senior class is a fun and creative course and requires no previous art experience. Students will be introduced to a variety of media such as oil pastels, paints, charcoal, India ink, collage, ceramics, and printmaking. A sketchbook of ideas, interests and artwork is worked on each week. Effort and a willingness to try new things are at the foundation of this course.

#### **Art FOUNDATIONS 09/10/11/12: Year 2** **(MVA--09SC2/MVAG-10SC2/MAF--11SC2/MAF--12SC2)**

**Grades:** 9 to 12 (classes organized by Grade)

**Prerequisite:** 1 year experience

**Supplemental Supplies:** Art kit and sketchbook, \$TBA for consumable supplies

Learn to draw what you see and create what you imagine. Art Year 2 builds on the confidence gained in Art Year 1 and includes many of the same materials and methods. Instruction may include water colour painting, clay sculpture, charcoal and conte work, wire sculpture, print making, and line drawing techniques. A sketchbook of ideas, interests and artwork is worked on each week. In addition to effort and a willingness to try new things, a beginning understanding and use of the principles of art and design is the foundation for this course.

#### **Art FOUNDATIONS 10/11/12: Year 3** **(MVAG-10SC3/MAF--11SC3/MAF--12SC3)**

**Grades:** 10 to 12

**Prerequisite:** Art Year 2

**Supplemental Supplies:** Art kit and sketchbook, \$TBA for consumable supplies

This course is for students wanting to take the next step as artists. Art 3 builds on a student's previous experience in art and introduces new materials and techniques. Students will continue to develop their understanding and use of the principles of art and design and will work in all media at a more advanced level. The types of materials that might be included are water colours, print making, acrylic paint, and use of photo transfers, transparencies, and collage for drawing and painting. Field trips, artist visits and workshops will help students place their work in the context of other artists' work. Sketchbook work will become more individual and students may begin to develop a portfolio for art school from the work done in class.

## Course Descriptions

### **Art 11/12: Year 4 (MAF—11SC4/MAF—12SC4)**

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**Grades:** 11 or 12

**Prerequisite:** Art Year 3

**Supplemental Supplies:** Art kit and sketchbook, \$TBA for consumable supplies

Art Year 4 is the beginning of our senior program in Visual Arts. Using more challenging media, methods and concepts, this class will encourage art students to start building their own portfolios. The course may include media such as: acrylic painting on canvas, explorations into textile arts, advanced watercolour painting, and life drawing. Students are expected to build an art kit and maintain a sketchbook of ideas.

Students will take part in field trips to galleries and exhibits as part of this course. Artists and art school representatives will provide workshops and information about future opportunities for development.

### **Art 12: Year 5 (MAF—12SC5)**

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**Grades:** 12

**Prerequisite:** Minimum “B” grade in Art Year 4, or consent of the instructor

**Supplemental Supplies:** Art kit and sketchbook, \$TBA for consumable supplies

Art Year 5 is our final year of our art program and is an excellent opportunity for students to prepare a strong portfolio of work for application to Art School. As in previous years, students are expected to build an art kit and maintain a sketchbook of ideas. Students will have a chance to use such methods as printmaking, collage, figure drawings, prisma colour drawing, acrylic painting and watercolour.

There will be many self-directed proposals, in which students will work on their individual style and develop their art portfolio. Field trips, films about art and artists, artist visits and workshops are part of this course.

### **Art 8: Byng Arts Honours (MVA—08DC1)**

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**Grades:** 8 Byng Arts

**Prerequisite:** Byng Arts, Portfolio approval

**Corequisite:** Byng Arts complement of courses

**Supplemental Supplies:** \$TBA for consumable supplies. Students supply their own art kits and sketchbooks

Honours Art 8 is the class designated for students accepted into the Byng Arts Program for Visual Arts at the Grade 8 level. This course is designed to build on each student's previous experience in Visual Arts and to develop his or her understanding of the elements and principles of design. Students are expected to build an art kit, maintain a sketchbook of ideas, and to experiment with new art methods and materials.

### **Art 9: Byng Arts Honours (MVA—09DC1)**

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**Grades:** 9 Byng Arts

**Prerequisite:** Honours Art 8, Byng Arts Acceptance, Portfolio approval

**Corequisite:** Byng Arts complement of courses

**Supplemental Supplies:** \$TBA for consumable supplies. Students supply their own art kits and sketchbooks

Honours Art 9 is the class designated for students accepted into the Byng Arts Program for Visual Arts at the Grade 9 level. This course is designed to build on each student's previous experience in Visual Arts and to develop his or her understanding of the elements and principles of design. Students are expected to build an art kit, maintain a sketchbook of ideas, and to experiment with new art methods and materials.

### **Art 10: Byng Arts Honours (MVAG-10DC1)**

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**Grades:** 10 Byng Arts

**Prerequisite:** Honours Art 9, Byng Arts Acceptance, Portfolio approval

**Corequisite:** Byng Arts complement of courses

**Supplemental Supplies:** \$TBA for consumable supplies. Students supply their own art kits and sketchbooks

Honours Art 10 is the class designated for students accepted into the Byng Arts Program for Visual Arts at the Grade 10 level. This course is designed to build on each student's previous experience in Visual Arts and to develop his or her understanding of the elements and principles of design. Students are expected to build an art kit, maintain a sketchbook of ideas, and to experiment with new art methods and materials.

### **Art 11: Byng Arts Honours (MSADP11DC1)**

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**Grades:** 11 Byng Arts

**Prerequisite:** Portfolio approval –Byng Arts

**Corequisite:** Byng Arts complement of courses

**Supplemental Supplies:** \$TBA for consumable supplies. Students supply their own art kits and sketchbooks

Honours Art 11 is the class designated for students accepted into the Byng Arts Program for Visual Arts at the Grade 11 level. This demanding course is designed for highly motivated students who wish to challenge themselves as artists. As in previous years, students are expected to build an art kit and maintain a sketchbook of ideas. In addition, students will have a chance to use such methods as print making, collage, figure drawings, prisma colour drawing, acrylic painting and watercolour, to create personally meaningful artwork and produce a strong art portfolio.

Students will take part in field trips to galleries and exhibits as part of this course. Artists and art school representatives will provide workshops and information about future opportunities for development.

## Course Descriptions

### **Art 12: Byng Arts Honours (MSADP12DC1)**

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**Grades:** 12 Byng Arts

**Prerequisite:** Honours Art 11 and portfolio approval

**Corequisite:** Byng Arts complement of courses

**Supplemental Supplies:** \$TBA for consumable supplies. Students supply their own art kits and sketchbooks

Honours Art 12 is the class designated for students in the Byng Arts Program at the Grade 12 level. This senior course is designed for highly motivated students who wish to produce a strong art portfolio. In response to class assignments, students will use a wide variety of media to show their understanding of the elements and principles of design. Students will be expected to work to create a concentration of thematically related art, which demonstrates a clear personal style. Students will take part in field trips to galleries and exhibits as part of this course. Artists and art school representatives will provide workshops and information about future opportunities for development. As in previous years, students are expected to build an art kit and maintain a sketchbook of ideas. Students have the option of submitting their portfolio for outside AP evaluation. A mark of 3, 4, or 5 will be recognized as completion of a first year course by some schools.

### **Art 09/10/11/12: Ceramics Intro (MVA—09CR1/MVAC10CR1/MSACS11CR1/MSACS12CR1)**

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**Grades:** 9 to 12

**Prerequisite:** None

**Supplemental Supplies:** \$TBA for consumable supplies

This course will provide an opportunity for students to explore the MAGIC of MUD! Students will develop strong hand building skills (pinch pots, coils, slabs, etc.) as well as begin to develop throwing skills on the potter's wheel. As well, surface treatment techniques, such as glazing and staining will be taught and developed. The course will challenge students to dream, design and BUILD!

### **Art 10/11/12: Ceramics Advanced (MVAC-10CR2/MSACS11CR2/MSACS12CR2)**

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**Grades:** 10 to 12

**Prerequisite:** Ceramics, Intro

**Supplemental Supplies:** \$TBA for consumable supplies

This course will not only provide students an opportunity develop advanced techniques used in hand building, throwing and surface treatment, but will encourage students to work on their own to create a concentration of thematically related art which demonstrates personal style.

### **BA Graphic Arts (YVPA-1G)**

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**Grades:** 11 or 12

**Prerequisite:** 1 year art experience or permission of the teacher

**Supplemental Supplies:** Sketchbook and \$TBA for consumable supplies

This course is for creative students who want to express their personal style through design. Students will learn a visual approach to communication and **the basics of design** through image & text. Projects cross over from 2-D to 3-D design and may

include logos, typography, fashion, silk-screen, guerilla media, posters, magazines and kinetic machines. Students will develop software skills in Photoshop, Illustrator and/or InDesign as well as completing projects by hand including silk-screening. An ability to draw is not a requirement but an attention to detail and craft would be an asset.

Students from Gr 9-12 may take this course but will receive a Grade 11 credit.

### **Art 12: Graphic Arts (YVPA-2D)**

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**Grades:** 11 or 12

**Prerequisite:** Art 11: Graphic Arts

**Supplemental Supplies:** Sketchbook and \$TBA for consumable supplies

Whether students are considering **careers** in Graphic Design, Industrial Design, Fashion or Architecture, this course will help them develop a **foundation in design** principles, photo/illustration & typography. Student design projects will explore social & cultural issues and may include magazines, posters, logos, ebooks, web, silkscreen, exhibit and product packaging. Students will gain technical, professional and critical skills which will allow them to problem solve in 2D -3D. Students will develop software skills in Photoshop, Illustrator and/or InDesign as well as completing projects by hand including silk-screening. Students may choose to pursue an **independent project** in an area of interest. Students will be partnered with clients where possible. An ability to draw is not a requirement but an attention to detail and craft is an asset. Field trips and guest speakers will be offered where possible.

This course follows from Arts 11: Intro to Graphic Design and prepares students interested in post-graduate design coursework. Students may develop an online portfolio. Students from Gr 10-12 may take this course but will receive a Grade 12 credit.

### **Art 09/10/11/12: Sculpture Intro (MVA—09SP1/MVAC-10SP1/MSACS11SP1/MSAC12SP1)**

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**Grades:** 9 to 12

**Prerequisite:** None

**Supplemental Supplies:** \$TBA for consumable supplies

Learn to express yourself in three dimensions. This course takes elements of art and design and allows students to create 3D art pieces and design objects. Students will take an idea from its conception to its fruition while giving attention to both artistic and technical detail. Architectural, conceptual and aesthetic elements will be involved.

Initially, students will work on simple projects proposed by the teacher. These projects will be created from materials such as clay, metal, wood, stone, plastic and paper. In order to fully implement their own ideas later in the course, students will explore the capabilities of various casting, molding and modeling techniques. Students will be guided on which tools to use with which materials and at the same time learn about their safe operation and handling. This course counts towards Visual Arts credits in the Mini School.

## Course Descriptions

### **Art 10/11/12: Sculpture Advanced** **(MVAC-10SP2/MSACS11SP2/MSAC12SP2)**

**Grades:** 10, 11 or 12 with permission

**Prerequisite:** Introductory Sculpture, or permission from instructors

**Supplemental Supplies:** \$TBA for consumable supplies

Skills learned in Introductory Sculpture will be applied in greater detail as students build upon their foundation skills. Project ideas or themes are introduced by the instructor and change from year to year. Students use processes in the studio to explore ideas/themes and their reaction to them. This course counts towards Visual Arts credits in the Mini School.

### **Peer Tutoring 12 (Visual Art) (YIPS-2B)**

**Grades:** 11 or 12

**Prerequisite:** Leadership capabilities and an interest in visual arts and/or teaching

Senior Visual Art students coach and assist students in grade 8 or 9 art classes (Art 1, Art 2). As a teaching assistant or demonstrator, the student assumes considerable responsibility and challenge. This course will be a rewarding experience

### **Photography 09/10/11/12: Introduction** **(MVA-09PH1/YVPA-0K--1/YVPA-1P--1/YVPA-2N--3)**

**Grades:** 9 to 12

**Prerequisite:** None

**Required equipment:** It is very strongly recommended that students have their own digital point and shoot camera to work with, all other camera equipment will be provided.

**Supplemental Supplies:** \$TBA for consumable supplies and enrichment

In this hands on course students will learn how to control the various “ingredients” that go into making creative, expressive, and exciting photographs. We will explore: good design, lighting, and how to tell stories and express ideas through your photographs. Students will learn how using simple photoshop techniques can take their images to the next level. They will also have the opportunity use traditional film cameras, and experience the magic of developing and printing images in a traditional darkroom: this is a terrific and fun opportunity! Finally they will have a chance to learn to use digital single reflex cameras (big fancy ones.)

### **Photography 10/11/12: Advanced** **(YVPA-0K--3/YVPA-1P--3/YVPA-2N--3)**

**Grades:** 10 to 12

**Prerequisite:** Beginner photography, or a portfolio interview with Ms. Armstrong

**Required Equipment:** a camera with manual control over aperture and shutter speed (DSLR’s are preferred). The program has a number of appropriate cameras for students to use/ share in class if need be.

**Supplemental Supplies:** \$TBA for consumable supplies and enrichment

Students will be using Digital SLR’s, or equivalent cameras that have both manual shutter and aperture control, and are strongly encouraged to bring their own.

Designed as an intermediate to advanced course, the primary focus of this course is to help students develop their own creative voice and photographic style. This is primarily a digitally based course but students who are interested will have the opportunity to work with film cameras and the darkroom. We will be going on as many field trips as possible in order to give students the opportunity to shoot in different locations and under a variety of lighting conditions. As well students will become much more familiar with using photoshop as a creative tool.

### **Textile Arts and Crafts 11/12 (MSAFF11/MSAFF12)**

**Grades:** 11 or 12

**Supplemental Supplies:** \$TBA

Building on your knowledge and skills acquired in Grade 8 Fibre Arts or Clothing and Textiles, you will plan and create functional and decorative one-of-a-kind items. Projects depend on student interest and current trends. Emphasis is on working with textile fibres so projects and skills may include knitting, quilting, toy making, embellishing with embroidery, fabric paint, and appliqué.

## **SERVICE & SUPPORT COURSES**

### **Independent Directed Studies 10, 11, 12 (MIDS)**

**Grades:** 10, 11 or 12

**Prerequisite:** None

Independent Directed Studies allows students to initiate their own learning under teacher supervision. The maximum value for a single IDS course is 4 credits, but there is no limit to the total number of IDS credits a student may earn. The number of credits (1, 2, 3 or 4) (4 credits = a yearlong course, 100-120 hours) a student earns for an IDS will be set out in the plan developed by that student and a teacher advisor/mentor, and approved by the principal. An IDS course is an extension of one or more learning outcomes of an existing Grade 10, 11 or 12 course. IDS is intended to provide students at Byng with an opportunity to pursue curriculum in greater depth and further develop their interests and passion.

### **Skills Development Centre** **(XLDCD08/XLDCD09/XLDCD10/XLDCD11/XLDCD12)**

**Grades:** 8 to 12

**Prerequisite:** Recommendation from SDC teacher or SBRT

**Corequisite:** Referral from elementary LAC, subject teacher, administration, counsellors, school based team, VSB central screening

Skills development is a school-based service designed for students having significant difficulty in organizing, processing, or retaining information.

## Course Descriptions

### **Peer Counselling 12 (YIPS-2C)**

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**Grades:** 11 or 12

**Prerequisite:** students who have strong personal and interpersonal skills; are good role models; have commitment and ability to catch up with classes missed due to training schedule, Grade 8 camp, and other such activities; application and interview required

**Supplemental Supplies:** TBA for camps, retreats, and workshops

Students will be: Listening and understanding, offering friendship and support, assisting with decision-making, tutoring and providing academic help, educational, career, and health information, role modelling for younger students, aiding in mediation and conflict resolution, providing problem-solving assistance, and making referral to professionals.

Students apply in their Grade 10 or Grade 11 year. They will attend an interview, and selection is made to include a cross section of the Lord Byng student population. There is intensive training involved. Students are placed in a Gr. 8 classroom for one block for the full academic year.

### **Community Service 11 (YCPM-1D)**

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**Grades:** 11 or 12

**Prerequisite:** In-house work experience; Willingness and ability to help teachers with a variety of tasks

Under teacher supervision students may: Prepare and organize equipment and materials for classroom activities, assist with tasks such as record keeping, filing collating, organize and maintain a resource center, create displays for bulletin board display cabinets, etc., conduct library research on specific units for teacher use, assist with individual tutoring under teacher supervision, assist students during class activities, assist in the organization of special events, such as parent nights.

### **Community Service 11: Library (YCPM-1D)**

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**Grades:** 11 or 12

Students provide services to staff and students in the work-like setting of a school library. They acquire skills and attitudes transferable to other work and community settings. Students acquire library-specific clerical and technical skills. Students develop interpersonal skills, working with peers and staff under a supervisor. Students develop the ability to be self-directed, to work independently, and to recognize when it is appropriate to ask for assistance or direction. Students are assessed through self- and teacher-evaluation, using criteria set out in the course expectations.

### **Community Service 11: Office (YCPM-1D)**

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**Grades:** 11 or 12

If you are looking for an opportunity to experience the "hub" of the school, this course might be for you! Earn course credit while gaining valuable skills that will be helpful throughout your career. Multi-tasking, dealing with parents, staff, and students in a sometimes hectic environment, answering the switchboard and performing other office-related duties are tasks that are expected of office service students.

A pleasant attitude, appropriate dress, and punctuality are essential. There is never a dull moment in the office and if this course appeals to you, it is a great chance to learn about the operation of a secondary school and all of its necessary components.

### **Environmental Leadership 10 (YHRA-0ASC1)**

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**Grades:** 10, 11 or 12

**Prerequisite:** None

The Leadership 10 class is an innovative elective that fosters personal growth and development through hands on activities, outdoor and environmental education. This class helps students to learn about themselves in a unique way through a variety of lessons, projects, guest speakers and field trips. Every student will participate in our outdoor activities, and environmental education lessons which prepare them to implement an action project in their local community. Creative thinking, project design, management skills, data collection and analysis are all integral to our action project research and implementation. If you enjoy being outside, care about global sustainability, want to improve your confidence and foster leadership skills then you will enjoy this fun and active class.

### **Peer Tutoring 12 (YIPS-2B)**

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**Grades:** 11 or 12

**Prerequisite:** Has ability in subject area, good citizenship, time management, organization skills, communication and interpersonal skills; has a positive attitude and is supportive and encouraging.

**Selection Process:** Teachers approach students and vice versa. Under sponsor-teacher supervision students help designated students with: review of basic academic skills, problem solving, record keeping, oral and written reporting, communication skills, study techniques, organization skills, goal setting, review, and evaluation or skill acquisition if an Art or Tech based course is involved.

## **BYNG ARTS**

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\* Please note: Byng Arts core classes are mandatory courses and should not be substituted by online or summer school. It is important that students speak to the Byng Arts Coordinator before considering such a step as it may result in a student being removed from the program.

### **English 8: Byng Arts (MEN-08DC1)**

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**Grades:** 8

**Prerequisite:** Successful audition, above average academic standing

**Corequisite:** Byng Arts complement of courses

Byng Arts English follows the regular English curricula (see English 8 for details); however, we strive to provide enrichment by integrating the visual and performing arts into the curriculum at each grade level and offering opportunities for field trips and/or visiting speakers. The program offers some acceleration; students begin in depth literary analysis at an earlier stage than those in the regular program.

## Course Descriptions

### **Social Studies 8: Byng Arts (MSS—08DC1)**

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**Grades:** 8

**Prerequisite:** Successful audition, above average academic standing

**Corequisite:** Byng Arts complement of courses

In Byng Arts Social Studies 8 students will be engaged in a number of enrichment activities. Projects that go beyond the core curriculum and encourage students to use their performing, visual, or literary artistic skills are included in this course. Critical thinking strategies are taught with the use of both primary and secondary sources, including documents, film, art, artifacts, and fictional narrative. Additionally, connections between historical topics and current events will be addressed.

### **Science 8: Byng Arts (MSC—08DC1)**

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**Grades:** 8

**Prerequisite:** Successful audition, above average academic standing

**Corequisite:** Byng Arts complement of courses

The new Science curriculum is based primarily on a "Big Ideas" approach. The big ideas for the new Science 8 course are:

1. Life processes are performed at the cellular level.
2. The behavior of matter can be explained by the kinetic molecular theory and atomic theory.
3. Energy can be transferred as both a particle and a wave.
4. The theory of plate tectonics is the unifying theory that explains Earth's geological processes.

### **English 9: Literary Arts (MEN—09SC1)**

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**Grades:** 9

**Prerequisite:** Approval of the Literary Arts department

**Corequisite:** Byng Arts complement of courses

Students who have prior approval to be a part of the Literary Arts programs should sign up for this course. Literary Arts follows the regular English curricula for this grade; however, we strive to provide enrichment by integrating the visual and performing arts into the curriculum at each grade level and offering opportunities for field trips and/or visiting speakers.

Literary Arts has a strong emphasis on creative writing and literary analysis and is more intensive than the regular Byng Arts English Program. Students should have a passion for writing and reading and have demonstrated the skills, talent, and willingness to explore and create in the world of words.

### **English 9: Byng Arts (MEN—09DC1)**

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**Grades:** 9

**Prerequisite:** Byng Arts 8, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

**Course fee:** None

Byng Arts English follows the regular English curricula (see the course guide for details); however, we strive to provide enrichment by integrating the visual and performing arts into the curriculum at each grade level and offering opportunities for field trips and/or visiting speakers. The program offers some acceleration; students begin in depth literary analysis at an earlier stage than those in the regular program.

### **Science 9: Byng Arts (MSC—09DC1)**

---

**Grades:** 9

**Prerequisite:** Byng Arts 8, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

The new Science curriculum is based primarily on a "Big Ideas" approach. The big ideas for the new Science 9 course are:

1. Cells are derived from cells.
2. The electron arrangement of atoms impacts their chemical nature.
3. Electric current is the flow of electrons.
4. The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.

### **Social Studies 9: Byng Arts (MSS—09DC1)**

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**Grades:** 9

**Prerequisite:** Byng Arts 8, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

The Ministry of Education has implemented a new Social Studies Curriculum which has moved toward an Inquiry Model based upon Core Competencies termed "Big Ideas". The content parameters will range from the 1750 to 1919. The big ideas for inquiry stressed within the content background include: how emerging ideas and ideologies profoundly influence societies and events, how the physical environment influences the nature of political, social, and economic change; how disparities in power alter the balance of relationships between individuals and between societies and how collective identity is constructed and can change over time. A variety of enrichment project-based activities integrating the visual and performing arts as mediums are offered. Throughout the year, students are offered critical thinking challenges that offer opportunities to develop more sophisticated intellectual skills.

## Course Descriptions

### **English 10: Literary Arts (MEN—10SC1)**

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**Grades:** 10

**Prerequisite:** Approval of the Literary Arts department

**Corequisite:** Byng Arts complement of courses

**Provincial exam:** 20% of final

Students who have prior approval to be a part of the Literary Arts programs should sign up for this course. Literary Arts follows the regular English curricula for this grade; however, we strive to provide enrichment by integrating the visual and performing arts into the curriculum at each grade level and offering opportunities for field trips and/or visiting speakers.

Literary Arts has a strong emphasis on creative writing and literary analysis and is more intensive than the regular Byng Arts English Program. Students should have a passion for writing and reading and have demonstrated the skills, talent, and willingness to explore and create in the world of words.

### **English 10: Byng Arts (MEN—10DC1)**

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**Grades:** 10

**Prerequisite:** Byng Arts 9, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

Byng Arts English follows the regular English curricula (see English 10 for details); however, we strive to provide enrichment by integrating the visual and performing arts into the curriculum at each grade level and offering opportunities for field trips and/or visiting speakers. The program offers some acceleration; students begin in depth literary analysis at an earlier stage than those in the regular program.

### **Science 10: Byng Arts (MSC—10DC1)**

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**Grades:** 10

**Prerequisite:** Byng Arts 9, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

This course is designed to be activity and discovery orientated. This will be achieved through cooperative learning activities including group projects and group presentations. Science 10 is designed to familiarize students with more fundamental concepts in Chemistry, Biology, Physics, and Earth & Space Science. The Biology unit involves understanding the ecological principles of living and nonliving factors that affect the sustainability of ecosystems. In Chemistry, compounds and types of chemical reactions are studied. Radioactivity is also explored. Physics involves motion, including velocity and its relationship to time interval and acceleration. Earth and Space Science investigate plate tectonics, possible causes of climate change and its impact on natural systems.

### **Social Studies 10: Byng Arts (MSS—10DC1)**

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**Grades:** 10

**Prerequisite:** Byng Arts 9, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

Students are engaged in a number of enrichment activities that are project based and include critical thinking strategies. Past projects include: re-enactment of the trial of Louis Riel, group-based analysis of immigration policies in Canada, individual projects based on Canada's economy, and career pursuits for young people.

### **English 11: Byng Arts (MEN—11DC1)**

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**Grades:** 11

**Prerequisite:** Byng Arts 10, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

Byng Arts English follows the regular English curricula (see English 11 for details); however, we strive to provide enrichment by integrating the visual and performing arts into the curriculum at each grade level and offering opportunities for field trips and/or visiting speakers. The program offers some acceleration; students begin in depth literary analysis at an earlier stage than those in the regular program.

### **Social Studies 11: Byng Arts (MSS—11DC1)**

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**Grades:** 11

**Prerequisite:** Byng Arts Social Studies 10, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

This class follows the regular Social Studies curriculum with enrichment opportunities made available through class discussions, debates and critical thinking challenges. Three components comprise the content of this course that is required for High School Graduation. The historical component is a continuation from that covered in Social Studies 10. The history of Canada in the Twentieth Century introduces students to the social, economic and political relationships that have shaped and continue to shape Canada. The second component, Canadian Government, covers the workings of our political system, the importance of the Constitution and the Charter of Rights and Freedoms, and an introduction to the Canadian legal system. The third component concerns the Global Environment. It examines the problems and solutions concerning issues such as population pressure, pollution, resource development, and urban growth. These are represented in the context of a "global village" where human activity has impacted negatively on the environment and that growing awareness can undo the damage caused.

## Course Descriptions

### **English 12: Byng Arts (MEN—12DC1)**

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**Grades:** 12

**Prerequisite:** Byng Arts 11, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

**Provincial exam:** 40% of final

Byng Arts English follows the regular English curricula (see English 12 for details); however, we strive to provide enrichment by integrating the visual and performing arts into the curriculum at each grade level and offering opportunities for field trips and/or visiting speakers.

## **ENGLISH**

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Each English course consists of six sub-skills: reading, writing, speaking, listening, viewing and representing design in a critical thinking framework. By completion of high school, students should have acquired the skills required for post-secondary options. Each English course requires habitual reading outside of class, the patience for revision and accuracy, open-mindedness and willingness to participate.

The goals of English are to develop a lifetime appreciation for language and proficiency in communication. This development may be expressed in a lifetime love of reading, the facility to communicate through a variety of spoken and written forms and the enjoyment of cultural events such as live theatre, quality film and literary events.

All grades write a mid-year exam that is a component of the Term 2 assessment. These exams are set by the English Department and marked by a committee of teachers in each grade level using the Provincial Holistic Scoring Guide.

### **English 12 Enriched (AP Preparation)**

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**Grades:** 12

**Prerequisite:** English 11 and teacher recommendation, summer assignment completion

**Provincial Exam (Required – students must write English 12 Provincial):** 40% of Final Course Mark

**AP Exam (Optional – students may choose to write the AP exam in May for additional credit)**

This course is taught by an AP certified teacher and is the culminating course in the Literary Arts/Enriched English stream. Students enrolled in EN12 Enriched receive credit for the regular English 12 course. If students receive a score of 3 or higher on the AP English exam (literature), they will be given 4 credits of “External Credit”. This course offers students curriculum that is more enriched and challenging than the regular EN12 course with specific emphasis placed on post-secondary level analytical reading and writing. Students who achieve a high standard on the Advanced Placement exam as set by the College Testing Board may be granted advanced credit at a North American college or university. Students will be introduced to a wide range of world literature, contemporary works as well as mainstays of the Western canon.

### **Creative Writing 12 (MWR--12)**

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**Grades:** 11 and 12

**Prerequisite:** English 10. **Note:** Priority placement will be given to Grade 12 students.

Creative Writing 12 is designed for students who have an interest in writing. The course encourages and fosters written expression in a variety of genres that can include non-fiction, fiction, poetry, and script work. Students learn basic book binding skills, and are required to create, maintain, and post all work to a tumblr, an on-line portfolio.

The course is primarily intended to encourage students to experiment and play with language and create original work. Because a workshop model is employed, and nature of the course, students taking this course must be able to work independently and be motivated and serious about their writing.

### **English 8 (MEN--08)**

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**Grades:** 8

**Prerequisite:** Grade 7

**Supplemental Supplies:** Workbook, and/or theatre fees may be required

Students study fiction, poetry, mythology, drama and often a Shakespeare selection, the objective being an introduction to genre. Writing activities in this course focus on the paragraph but also consider multi-paragraph writing. Language development, grammar and vocabulary activities are taught using a variety of methods. Students complete projects that extend the opportunity to develop group work and oral presentation.

### **English 8: Byng Arts (MEN—08DC1)**

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**Grades:** 8

**Prerequisite:** Successful audition, above average academic standing

**Corequisite:** Byng Arts complement of courses

See the Byng Arts department for the full description.

### **English 9 (MEN--09)**

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**Grades:** 9

**Prerequisite:** English 8

Students study a variety of literary genres, explore mythology and drama and usually study in a Shakespeare selection. Literary analysis becomes more formalized, and analytical terminology is used more frequently to discuss reading selections. Students continue developing multi-paragraph writing. Formal and informal presentations are assigned to provide students with an opportunity to develop oral expression and group work skills.

### **English 9: Byng Arts (MEN—09DC1)**

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**Grades:** 9

**Prerequisite:** Byng Arts 8, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

See the Byng Arts department for the full description.

## Course Descriptions

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### English 9: Literary Arts (MEN—09SC1)

**Grades:** 9

**Prerequisite:** Approval of the Literary Arts department

**Corequisite:** Byng Arts complement of courses

See the Byng Arts department for the full description.

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### English 10 (MEN--10)

**Grades:** 10

**Prerequisite:** English 9

Students study a variety of literary genres: the short story, the novel, non-fiction prose, drama and a Shakespeare selection. Literary analysis techniques are introduced to provide students with the tools for more systematic literature study. The Five Paragraph Expository Essay is introduced and used as a vehicle for writing. Language study focuses on standard usage, structure, grammar, and word choice. As well, students are provided opportunities to engage in discussion, group activities and formal class presentations in order to develop their speaking and listening skills.

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### English 10: Byng Arts (MEN—10DC1)

**Grades:** 10

**Prerequisite:** Byng Arts 9, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

**Provincial exam:** 20% of final

See the Byng Arts department for the full description.

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### English 10: Literary Arts (MEN—10SC1)

**Grades:** 10

**Prerequisite:** Approval of the Literary Arts department

**Corequisite:** Byng Arts complement of courses

See the Byng Arts department for the full description.

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### English 11 (MEN--11)

**Grades:** 11

**Prerequisite:** English 10

The literary essay is a major focus of the course. As well, students have an opportunity to develop their reading, writing, speaking and listening skills in order to consolidate them for English 12. Students are also offered many opportunities to develop creativity, explore analytical procedures and improve language skills. Students learn to extend their listening, speaking and group skills by presenting formal projects to the class.

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### English 11: Byng Arts (MEN—11DC1)

**Grades:** 11

**Prerequisite:** Byng Arts 10, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

See the Byng Arts department for the full description.

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### English 11: Enriched (MEN--11ENR)

**Grades:** 11

**Prerequisite:** English 10 and must be recommended by their English 10 teacher. Students applying from outside the school require a portfolio of academic writing: two (2) marked in-class literary analysis essays, and two (2) other pieces of writing. Portfolios are due to the English Department Head by January 1<sup>st</sup> of their Grade 10. Failure to submit portfolios by this date may prevent entry into the course.

English 11 Enriched provides an advanced English course for students who not only have talents in the literary arts, but who are highly motivated and are already strong analytical writers. Some of the works studied include *Oedipus Rex*, *Macbeth*, and an in-depth study of Aristotle's rules of Tragedy. This course is intended to ease the transition of students who go into English 12 Enriched which prepares students for the English AP (Literature) Exam. Enrolment in English 11 Enriched does not guarantee placement in English 12 Enriched.

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### English 12 (MEN--12)

**Grades:** 12

**Prerequisite:** English 11

**Provincial exam (Required):** 40% of final

English 12 is required for entrance to most universities. In English 12, the skills of reading, writing, speaking, listening and critical thinking as learned in English 8 to 11 are reinforced. Students are provided opportunities to make brief and extended oral presentations, further development of essay writing and critical analyses of a variety of literary genres. Language development, grammar and vocabulary are taught in preparation for the provincial exam.

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### English 12: Byng Arts (MEN—12DC1)

**Grades:** 12

**Prerequisite:** Byng Arts 11, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

**Provincial exam (Required)**

See the Byng Arts department for the full description.

## Course Descriptions

### English 10/11/12: First Peoples (MEFP-10/MEFP-11/MEFP-12)

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**Grades:** 10, 11, and 12

**Prerequisite:** Previous grade level English

**Provincial exam (Required):** 40% of final (grade 12 only)

English First Peoples provides opportunities for all students to engage with indigenous creative expression enter the worlds of First Peoples provincially, nationally, and internationally. The course focusses on the experiences, values, beliefs, and lived realities of First Peoples as evidenced in various forms of text—including oral story, speech, poetry, dramatic work, dance, song, film, and prose (fiction and non-fiction).

English 12 First Peoples is the academic equivalent of English 12. The course is designed to enable students to develop the English language and literacy skills and capacities they must have in order to meet British Columbia's graduation requirements.

### Literature 12 (MLIT-12)

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**Grades:** 11, 12

**Pre-requisite:** None. Literature 12 is an elective open to ALL students in Grade 11 & 12.

Literature 12 surveys some of the great classics in English (primarily British) literature. We will proceed chronologically through literary periods: Anglo-Saxon, Medieval, Renaissance, 17th & 18th Centuries, Romantic, Victorian, and 20th Century. We will study works in their historical and cultural contexts. Through style analysis and close reading, we'll also explore the artistry and rhetoric of the language in each text.

This course will be valuable for students who wish to proceed to higher-level literary studies, but it's also a course for those who just love to read and discuss poetry and other literary forms.

**Assessment:** Class discussion, presentations, essays, creative projects, and short tests. *No major exams!*

**Note:** Literature 12 is strongly recommended for students who intend to write the English 12 Advanced Placement exam; the skills and content covered in Literature 12 will be very helpful as preparation for the AP exam. *However, students do NOT need to be at the AP-level in order to be successful in this course. This course provides opportunities for ALL students to do well.*

## ELL COURSES

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### ELL Reading

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**Grades:** 8 to 12

Students will work with short stories, poetry and novels to strengthen their written and oral expression in English. Reading skills are taught such as finding details, main ideas, vocabulary building, inferring, and analysis. This course, along with ELL Writing, provides a foundation for work in Transitional English and regular English. Literary terminology will also be introduced at this level.

### ELL Science

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**Grades:** 8 to 12

This course prepares ELL students for regular Science classes. The course focuses on Science content in grades 8, 9 and 10. English language skills are developed through the content and vocabulary of general science. Content may include topics in Astronomy, Biology, Chemistry, Earth Science, Geography and Physics.

### ELL Social Studies

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**Grades:** 8 to 12

This course focuses on junior Social Studies content in grade 8 and 9 English language skills are developed through the content and vocabulary of Social Studies. Content includes Canadian culture, geography, history, politics and current events. Mapping, library research and presentation techniques will also be taught. This course provides a foundation for work in Transitional Social Studies and regular Social Studies.

### ELL Writing

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**Grades:** 8 to 12

This course prepares students in sentence formation, sentence combining and paragraph writing. The essay format will be introduced. Vocabulary development and grammar are fundamental in this course. This course along, with ELL Literature, provides a foundation for Transitional English and Transitional Social Studies.

## Course Descriptions

### **ELL Drama 10 (MDRG—10ELL)**

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**Grades:** 8 to 12

**Prerequisite:** For beginning and intermediate ELL students with a basic acquisition of English language and a willingness to take risks

ELL Drama 10 is designed to give beginning and intermediate to advanced ELL students the opportunity to learn English while having fun. It will include physical and oral games designed to improve listening and speaking skills. The course will include role dramas that will mimic real life situations, script writing and memorization, scene composition, performance of professionally scripted scenes and improvisation.

### **Transitional English (MEN—10TRN)**

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**Grades:** 8 to 12

**Co-requisite:** ELC

This is a bridging course offered by the English Department. This course is appropriate for students whose English level is still not strong enough to achieve success in a regular academic English class. The overall goal is for the student to successfully integrate into a regular English course.

Students in this course will be given opportunities to practice various reading comprehension strategies. Students will also analyze and respond to literature and nonfiction. Content studied in this course will come from the regular English curriculum at the grades 8-12 level. Upon the successful completion of this course, students may advance to regular English only if they have improved their reading level and writing level and they have attained sufficient fluency. When appropriate, a select few may receive credit for English 10. Otherwise, the student will continue in Transitional English until he/she has improved enough to advance to enter regular English.

### **Transitional Social Studies (MSS—10TRN)**

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**Grades:** 8 to 12

**Prerequisite:** ELL Social Studies

Students who have English skills high enough to leave ELL Social Studies but are too low to enter a regular Social studies class are given an in depth knowledge of Canada's geography, history, and political system along with its place in the world. Current events will also be discussed. Upon successful completion of this course, students may advance to regular Social Studies only if their reading and writing skills have improved enough to succeed. When appropriate, a select few may receive credit for Social Studies 10. Otherwise, the student will continue in this course until he/she has enough fluency to enter regular Social Studies.

### **English Language Support Junior**

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**Grades:** 8 to 9

This course supports Transitional students and students in English 8 or English 9 who are not reading or writing at grade level. Material will focus on the study of vocabulary, grammar, and syntax. Writing in various genres will be practiced.

### **English Language Support Senior**

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**Grades:** 8 to 12

When students enter Transitional courses or regular English courses at the grade 10-12 level, they are placed into an English language support course. This course reviews and strengthens both literary analysis skills needed to study literature and the writing skills necessary for students to do well in senior level English courses when they are reading and writing well below their grade level. Students may repeat this course more than once if their English language skills are still weak after a year of study in Transitional or regular English.

### **Peer Tutoring 12: ELL (YIPS-2B)**

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**Grades:** 11 or 12

**Prerequisite:** Permission from instructor

Under the sponsor-teacher, students help ELL students learning English.

## **CAREER EDUCATION**

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### **Career Education 8 (MCE-08)**

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**Grades:** 8

The aim of Career Education 8 is to provide students with the knowledge, skills and attitudes that will assist them in making informed decisions related to their education, and their future careers.

### **Career Education 9 (MCE-09)**

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**Grades:** 9

The aim of Career Education 9 is to provide students with the knowledge, skills and attitudes that will assist them in making informed decisions related to their education and their future careers. Career Education 9 will be delivered through Guidance, PE and Science, and our annual Career and Personal Planning conference.

## Course Descriptions

### Planning 10 (MPLAN10)

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**Grades:** 10

The curriculum delivery will take place during the student's grade 10 year through a variety of ways. The primary source will be through an annual two-day conference that must be attended by all Grade 10 students. Any assignments that are given must also be completed for course credit. These assignments will be included as credit for Planning 10.

Secondary sources for curriculum delivery will also include a variety of Planning 10 topics from interdisciplinary subject areas. Marks given for particular topic assignments/projects/ evaluation sources can be applied to overall course credit as approved by the school.

### Graduation Transitions (MGT----)

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**Grades:** 10 to 12, on-going

**Prerequisite:** Planning 10

Graduation Transitions is a mandatory course and must be completed in order to graduate. Starting September 1, 2007, Graduation Transitions replaces the Graduation Portfolio. All BC secondary school students who are enrolled in Grades 10, 11 or 12 as of September 1, 2007 and beyond, must demonstrate that they have met the following requirements:

- **Personal Health** – maintain a personal health plan and participate in at least of 80 hours of moderate to vigorous activity, in addition to PE10.
- **Community Connections** – participate in at least 30 hours of work experience and/or community service and describe what was learned.
- **Career and Life** – complete a transition plan.

At Lord Byng, students will be introduced to the requirements of the Transition Plan in Grade 10, and are expected to complete and present the required package of information by the spring of their Grade 12 year. The Graduation Transitions teacher will be available for support or consultation.

## MODERN LANGUAGES - FRENCH

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Note: If you are already a native French speaker, see your counsellor for the Challenge exam or correspondence program.

### French 8 (MFR--08)

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**Grades:** 8

**Prerequisite:** None (other than a positive attitude!)

**Supplemental Supplies:** Highly recommended Online Portal - \$TBA

Lord Byng is using the Accelerative Integrative Method for teaching French which combines gestures (kinesthetic learning) with oral / written vocabulary. The goal is to have the students speaking 100% in French from the first day. Emphasis will be put on oral participation and proficiency in French. Written and Reading fluency will be developed through in-depth study of the stories : “Les Trois Petits Cochons”, “L’arbre Ungali”, and “Salut Mon Ami!”.

### French 9 (MFR--09)

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**Grades:** 9

**Prerequisite:** French 8 or permission from Department Head (after placement test)

**Supplemental Supplies:** Highly recommended Online Portal – \$TBA

Language teachers will continue to use teaching methods which enable students to speak in French from Day 1. Classes are highly interactive and emphasize speaking, listening, reading and writing skills. Fluency will continue to be developed through the study of various stories. Narrating stories, orally and in writing, allows students to understand and communicate more complex ideas in French in an authentic and meaningful way”.

### French 9: Enriched (MFR--09ENR)

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**Grades:** 9

**Prerequisite:** Minimum 86% standing in grade 8 French and/or recommendation by teacher

**Supplemental Supplies:** Highly recommended Online Portal – \$TBA

This course may be accelerated so that the content can be enriched to include more projects, oral opportunities, reading and writing. Students will be tested on the same exam material as the regular grade 9 program.

### French 10 (MFR--10)

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**Grades:** 10

**Prerequisite:** French 9

**Supplemental Supplies:** Highly recommended Online Portal - \$TBA

Students will learn to use French to communicate authentically and meaningfully in this course. Building on grammar and vocabulary acquired in French 8 and 9, the course continues to emphasize speaking and listening skills. Reading and writing fluency will also be developed through an in-depth study of various AIM and TPRS stories.

### French 10: Enriched (MFR--10ENR)

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**Grades:** 10

**Prerequisite:** Minimum 86% standing in grade 9 French and/or recommendation by teacher

**Supplemental Supplies:** Highly recommended Online Portal - \$TBA

French 10 Enriched is geared towards students who show a love of languages. French 10 content may be accelerated to allow for enrichment opportunities such as reading French magazines, creative writing and exploring francophone culture. Students will be assessed on the same material as French 10 (MFR--10).

## Course Descriptions

### **French 11 (MFR--11)**

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**Grades:** 11

**Prerequisite:** French 10

**Supplemental Supplies:** \$TBA workbook deposit

Grade 11 French follows the program set out in Voyages 1. This is a challenging course that introduces a lot of new vocabulary and grammar in realistic situations. Students are given many opportunities to learn how to express opinions and discuss situations. Partner and group work are encouraged. Students learn how to cooperate and how to plan projects effectively. This ties in with Byng's social responsibility goal. Topics covered during the year include food, international cuisines, ethnic cooking, childhood advertisements and the media. In French 11, students must consolidate the French they have learned and expand on their ability to express themselves using a variety of verb tenses.

### **French 11: Enriched (MFR--11ENR)**

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**Grades:** 11

**Prerequisite:** Minimum 86% standing in French 10 and /or recommendation by teacher

**Supplemental Supplies:** \$TBA workbook deposit

This course may be accelerated so that the content can be enriched to include more projects, oral opportunities, reading and writing. Students will be tested on the same exam material as the regular grade 11 program. French 11 Enriched availability depends on registration numbers, student ability, and maturity.

### **French 11: Enriched Junior (MFR--11ACC)**

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**Grades:** 11

**Prerequisite:** Previous French immersion experience and /or recommendation by teacher

**Supplemental Supplies:** \$TBA workbook deposit

This course is intended for students coming from a French Immersion program. The course work follows the curriculum set out with the regular French 11 program but incorporates elements of Immersion programs.

### **French 12 (MFR--12)**

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**Grades:** 12

**Prerequisite:** Recommended 67% or higher in French 11

**Supplemental Supplies:** \$TBA workbook deposit

**This course no longer has a Provincial Exam**

Course topics include travel, study and exchange programs in the francophone world, art forms and the creative process, the environment and the media. Intensive course work consists of further development of listening and speaking skills and written expression. Students are expected to function effectively in French in the classroom. Use of French will account for a minimum of 40% of each term.

### **French 12: Enriched (MFR--12ENR)**

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**Grades:** 12

**Prerequisite:** Minimum 80% or higher in French 11 and/or recommendation by teacher

**Supplemental Supplies:** \$TBA workbook deposit

**This course no longer has a Provincial Exam**

French 12 is geared towards developing students' ability to express meaning with nuance, complexity, and clarity in a wide variety of contexts. This course may be accelerated so that the content can be enriched to include more projects, oral opportunities, reading and writing. Students will be tested on the same exam material as the regular grade 12 program.

French 12 Enriched availability depends on registration numbers and student ability and maturity.

### **French 12: Enriched Junior (MFR--12ACC)**

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**Grades:** 12

**Prerequisite:** Minimum 80% or higher in French 11 and/or recommendation by teacher

**Supplemental Supplies:** \$TBA workbook deposit

**This course no longer has a Provincial Exam**

This course is intended for students who have completed the French 11 EJ course who have come from a French Immersion program. The course work follows the curriculum set out with the regular French 12 program but incorporates elements of Immersion programs.

### **AP French Language (AFRL-12)**

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**Grades:** 10,11,12

**Prerequisite:** Minimum 75% or higher in French 12 and/or recommendation by teacher

**Supplemental Supplies:** \$TBA French AP Guide

The AP French Language and Culture course aims to develop students' appreciation for both the French language and Francophone cultures. The course places particular emphasis on the teaching of culture through reading, interpreting, and writing of a variety of authentic French-language literary texts and multimedia materials. A high level of fluency in French is required along with a broad vocabulary, and sound grammatical foundations. The multidisciplinary approach of this course will integrate lessons based on six themes, including Global Challenges, Science and Technology, and Beauty and Aesthetics. Activities will include blogging, interviews, oral and written presentations, emails, films, songs, etc. Students who successfully complete this course and achieve a high ranking on the AP exam will get credit for first-year university-level French courses. (Open to students in grade 10-12).

## Course Descriptions

### MODERN LANGUAGES - JAPANESE

#### Japanese 10 (MJA--10)

**Grades:** 10, 11, 12

**Prerequisite:** None

**Supplemental Supplies:** \$TBA

This introductory Japanese language course will focus on listening, speaking, writing and reading with an emphasis on practical, communicative language. Students will also be introduced to the Japanese writing system of *hiragana* and *katakana*. Students will be introduced to the Japanese language through a variety of authentic language learning activities. Cultural knowledge will also be expanded through the use of various texts, projects, fieldtrips and classroom experiences. This course is not intended for heritage language learners. **ELL learners at Level 3 or higher may enrol.**

#### Japanese 11 (MJA--11)

**Grades:** 11, 12

**Prerequisite:** Japanese 10 or teacher approval

**Supplemental Supplies:** \$TBA

Students will continue to develop their listening comprehension and oral proficiency, as well as their reading and writing skills, at an intermediate level. *Kanji* will be introduced, in addition to the continued use of *hiragana* and *katakana* writing systems. Students will continue to experience Japanese language through a variety of authentic language learning activities. Cultural knowledge will also be expanded through the use of various texts, projects, fieldtrips and classroom experiences. This course is not intended for heritage language learners. **ELL learners at Level 3 or higher may enrol.**

#### Japanese 12 (MJA--12)

**Grades:** 12

**Prerequisite:** Japanese 11 or teacher approval

**Supplemental Supplies:** \$TBA

Students will continue to develop their communication in a range of situations while also experiencing and demonstrating intercultural understanding. Listening comprehension and oral proficiency, as well as reading and writing skills, at a high intermediate level, will be the focus. *Hiragana*, *katakana*, as well as the introduction of more *kanji* will allow students to express and respond to a variety of authentic language learning situations on a range of interpersonal and cultural contexts. Cultural knowledge will also be expanded through the use of various texts, projects, fieldtrips and classroom experiences. A school trip to Japan may be offered. This course is not intended for heritage language learners. **ELL learners at Level 3 or higher may enrol.**

### MODERN LANGUAGES - SPANISH

The three Spanish courses cover four years of course work into three years.

#### Spanish 10 (MSP--10)

**Grades:** 10, 11, 12

**Supplemental Supplies:** Highly Recommended access to a vocabulary and gesture portal - \$TBA

As Canada increasingly develops greater connections with Latin America, this introductory Spanish language course for students in grades 10 (but also open to grades 11 and 12) uses the Teaching Proficiency through Reading and Storytelling (TPRS). This technique has proven to quickly develop students' proficiency in Spanish, with a particular focus on speaking and listening at first. Spanish 10 is taught in a fun and interactive way, ensuring that the vocabulary students learn is relevant to their own lives, and to their future travels, studies, or work related to Spanish. To increase their interest in the language, cultural activities such as music, food, dance and film are also integrated into the course

#### Spanish 11 (MSP--11)

**Grades:** 11 or 12

**Prerequisite:** Spanish 10

This course builds on listening comprehension and oral proficiency. Increasing importance is placed on reading and writing skills. Students will compose and write short dialogues and will write simple compositions. Cultural knowledge will also be expanded. Text: Descubre 2

#### Spanish 12 (MSP--12)

**Grades:** 12

**Prerequisite:** 67% or higher in Spanish 11 recommended

**This course no longer has a Provincial Exam.**

Students will continue to develop the language skills begun in earlier grades. Considerable emphasis will be given to writing. Cultural awareness will be aided by the use of textbook selections, dialogues, research projects, music and film. Text: Descubre 3

## Course Descriptions

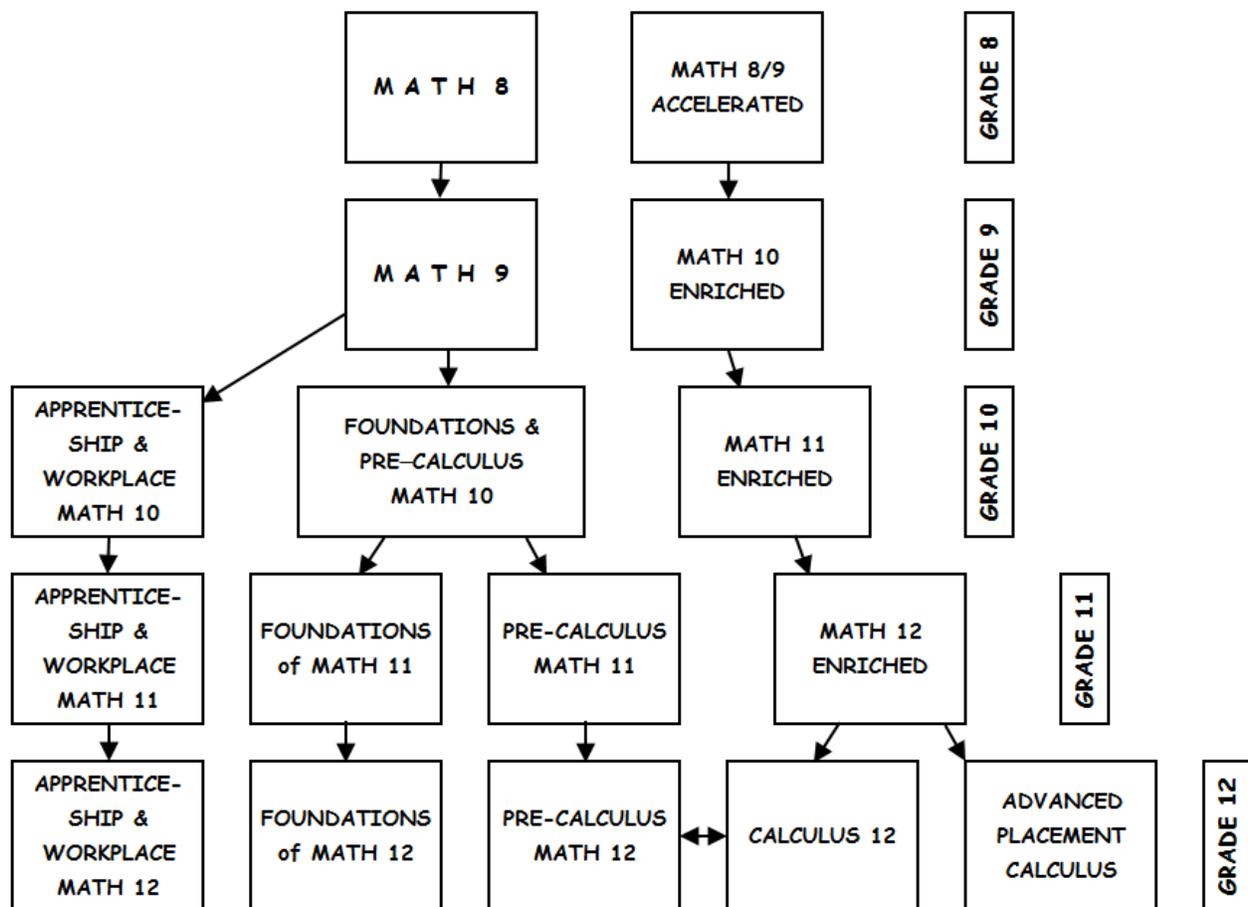
### MATHEMATICS

Most students will enter Mathematics 8 in their Grade 8 year and continue into Mathematics 9 in their second year at Lord Byng.

- Students entering Grade 10 will choose between *Apprenticeship & Workplace Math 10* and *Foundations of Math & Pre-Calculus 10*.
- Students entering Grade 11 will choose between *Apprenticeship & Workplace 11*, *Foundations of Math 11*, and *Pre-Calculus 11*.
- Students may wish to take more than one Math course at the Grade 11 level (specifically *Foundations 11* and *Pre-Calculus 11*).
- Students entering Grade 12 may continue on with *Apprenticeship & Workplace 12*, *Foundations of Math 12*, or *Pre-Calculus 12*, and may choose *Calculus 12* or *Advanced Placement Calculus*. British Columbia's graduation requirements are met by completing any Grade 11 mathematics course. The diagram below illustrates some possible paths from Grade 8 to 12 for students at Lord Byng.

For more information on course selection and university requirements, visit Course Planning at <http://lordbyng.net/math/>

### LORD BYNG SECONDARY MATH COURSES FOR 2016-2017



**NOTES:**

1. Other pathways than those shown are possible;
2. *Calculus 12* can be taken concurrently with *Pre-Calculus 12* as stand-alone courses OR in the “SEMESTERED” package;
3. Students may take both *Foundations 11* and *Pre-Calculus 11*;
4. *Apprenticeship & Workplace Math* courses may be taken through VLN.

## Course Descriptions

### **Mathematics 8 (MMA--08)**

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**Grades:** 8

**Prerequisite:** Math 7

**Supplemental Supplies:** \$TBA workbook deposit

Math 8 is a continuation of the standard program for all students. Topics include: Logic and Patterns, Percent, Perfect Squares and Cubes, Square Roots and the Pythagorean Theorem, Rates, Ratio and Proportion, Operations with Fractions, Algebraic Expressions and Equations, Surface Area and Volume, 3-D Objects, Probability, and Financial Literacy.

### **Mathematics 9 (MMA--09)**

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**Grades:** 9

**Prerequisite:** Math 8

**Supplemental Supplies:** \$TBA workbook deposit

Math 9 is a continuation of the standard program. Topics include: Numerical and Spatial Reasoning, Logic and Patterns, Polynomials, Types of Income, Operations with Rational Numbers, Linear Relations and Graphing, Algebraic Equations, Proportional Reasoning, Statistics, and Financial Literacy.

### **Foundations of Math and Pre-Calculus 10 (MFMP-10)**

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**Grades:** 10

**Prerequisite:** Math 9

**Supplemental Supplies:** \$TBA workbook deposit

The Foundations of Math and Pre-Calculus 10 Course is the branching point for both the “**Foundations**” and “**Pre-calculus**” pathways. Both pathways are designed to provide students with the mathematical understandings and critical thinking skills identified for post-secondary studies, the difference being that the **Foundations** pathway provides preparation for programs that do not require the study of theoretical calculus, whereas **Pre-calculus** provides preparation for programs that do require the study of theoretical calculus. The learning outcomes for this course may be found at <http://www.bced.gov.bc.ca>.

### **Apprenticeship and Workplace Math 10 (MAWM-10)**

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**Grades:** 10

**Prerequisite:** Math 9

**Supplemental Supplies:** \$TBA workbook deposit

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include Measurement, 2-D and 3-D Geometry, Trigonometry, Finance, and use of formulas. The learning outcomes for this course may be found at <http://www.bced.gov.bc.ca>.

### **Foundations of Math 11 (MFOM-11)**

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**Grades:** 11

**Prerequisite:** Common Math 10

**Supplemental Supplies:** \$TBA workbook deposit

This course/pathway is recommended for students who will be going into such post-secondary programs such as Social Sciences, Humanities, and Fine Arts. Topics covered include Applications of Rates, 2-D and 3-D Geometry, Trigonometry, Conjectures and Proofs, Problem Solving, Statistics, Linear Inequalities and Optimization, Quadratic Functions and Equations, and a Research Project. This course may be taken concurrently with Pre-Calculus 11 for students interested in other branches of Mathematics.

### **Pre-Calculus 11 (MPREC11)**

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**Grades:** 11

**Prerequisite:** 73% or higher in Foundations of Math and Pre-Calculus 10 recommended

**Supplemental Supplies:** \$TBA workbook deposit

The primary purpose of Pre-Calculus 11 is to develop the formalism students need to continue with the study of Calculus. This course/pathway is recommended for students who will be going into such post-secondary programs such as Mathematics, Science, Engineering, Medicine and Commerce. Topics covered include Analyzing Functions and Solving Equations (Quadratic, Absolute Value, Radical, and Rational/Reciprocal), Trigonometry, Systems of Equations and Inequalities, and Sequences and Series. Students completing this course will likely continue the following year with Pre-Calculus 12, and then either Calculus AP or Calculus 12.

The rigour of Pre-Calculus courses is reflected in a recommended prerequisite of 73% in the previous course to ensure success.

## Course Descriptions

### **Apprenticeship and Workplace Math 11 (MAWM-11)**

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**Grades:** 11

**Prerequisite:** A&W Math 10

**Supplemental Supplies:** \$TBA workbook deposit

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. This course is a continuation of Apprenticeship and Workplace Math 10. Topics include Measurement, 2-D And 3-D Geometry, 3-D Modeling, Puzzle Strategy, Trigonometry, Finance, use of formulas, Rates of Change and Proportional Reasoning, Data Collection and Representation. The learning outcomes for this course may be found at <http://www.bced.gov.bc.ca>.

### **Foundations of Math 12 (MFOM-12)**

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**Grades:** 12

**Prerequisite:** Foundations of Math 11

**Supplemental Supplies:** \$TBA workbook deposit

This course is a continuation of Foundations 11. Topics covered include Financial Decision Making, Logical Reasoning and Puzzle Analysis, Set Theory, Probability and Combinatorics, Data Analysis and Mathematical Modeling, and a Research Project. This course may be taken concurrently with Pre-Calculus 12 for students interested in other branches of Mathematics.

### **Pre-Calculus 12 (MPREC12)**

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**Grades:** 12

**Prerequisite:** Pre-Calculus 11

**Supplemental Supplies:** \$TBA workbook deposit

This course is a continuation of Pre-Calculus 11. Topics covered include Trigonometry, Functions, Transformations of Graphs, Logarithms, Polynomials, Radical Functions, Rational Functions, and Combinatorics. This course leads to the Calculus courses, and can be taken prior to concurrently with Calculus 12. (See **Pre-Calculus 12/Calculus 12 SEMESTERED**) the Note that the recommended prerequisite for Advanced Placement Calculus, due to its high rigour, is Math 12 Enriched.

### **Apprenticeship and Workplace Math 12 (MAWM-12)**

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**Grades:** 12

**Prerequisite:** A&W Math 11

**Supplemental Supplies:** \$TBA workbook deposit

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. This course is a continuation of Apprenticeship and Workplace Math 11. Topics include Measurement Instruments, 2-D & 3-D Geometry, Transformations, Trigonometry, Finance and Business, Linear Relations, Data Collection and Representation, and Probability. The learning outcomes for this course may be found at <http://www.bced.gov.bc.ca>

### **Calculus 12 (MCALC12)**

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**Grades:** 12

**Prerequisite:** 86% in Pre-Calculus 11 **recommended.**

Calculus 12 provides an introduction to Calculus, which is invaluable to students proceeding to math and science related programs in post-secondary studies. Topics include Graphs and Limits, Derivatives and their Applications, Antiderivatives, Integration, Applications of Integration and Differential Equations. Students may choose to write the UBC-SFU-UVic-UNBC Calculus Examination, which is based on the Calculus 12 curriculum. This exam can give students credit for calculus courses at UBC, SFU, UVIC or UNBC.

### **Pre-Calculus 12/Calculus 12 (SEMESTERED) (MPREC12SEM/MCALC12SEM)**

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**Grades:** 12

**Prerequisite:** 86% in Pre-Calculus 11 **recommended.**

Students taking this course will begin with Pre-Calculus 12, every day from September until completion, approximately halfway through the school year. Students will then begin the study of Calculus 12, and continue in this course until the year end. The workload is heavy and fast-paced. It is recommended that students attempting this course be highly motivated, have a strong work ethic, and a good standing in Pre-Calculus 11. Other students are accepted at their own risk.

### **ENRICHED MATHEMATICS PROGRAM**

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The enriched pathway is designed to give motivated and capable students the opportunity to excel through problem solving, math contest preparation, projects and extensions into relevant math topics. Students are expected to maintain good work habits and levels of achievement. Enriched courses are offered in Grade 10 through 12, with an accelerated 8/9 course for Grade 8 students. Selection for the enriched program is based on teacher recommendation, student motivation and achievement.

**NOTE: Assessment in enriched courses is the same as in corresponding regular program courses. Students in enriched courses will not receive lower grades, nor is there be any significant increase in workload compared to the regular program.**

## Course Descriptions

### **Math 8/9: Accelerated (MMA—08ACC)**

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**Grades:** 8

**Prerequisite:** Entrance test, selection by Math Department

**Supplemental Supplies:** \$TBA workbook deposit

This course will cover the topics in Math 8 and Math 9, allowing students to cover two years in one. The intention of this acceleration is to allow students to do be one year ahead, continuing in the enriched program and to take Advanced Placement Calculus in their Grade 12 year. Contest preparation and problem solving will also be covered.

### **Foundations of Math and Pre-Calculus 10: Enriched (MFMP-10ENR)**

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**Grades:** 9, 10

**Prerequisite:** Entrance: Selection by Math Dept.

**Supplemental Supplies:** \$TBA workbook deposit

This course is based on the Foundations of Math and Pre-Calculus 10. It will include enhanced study of various topics, enrichment topics and math contest preparation, with a problem-solving emphasis.

### **Pre-Calculus 11: Enriched (MPREC11ENR)**

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**Grades:** 10, 11

**Prerequisite:** Entrance: Selection by Math Department

**Supplemental Supplies:** \$TBA workbook deposit

This course is based on Pre-Calculus 11, but includes enhanced study of course topics, enrichment topics and math contest preparation, with a problem-solving emphasis.

### **Pre-Calculus 12: Enriched (MPREC12ENR)**

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**Grades:** 11, 12

**Prerequisite:** Entrance: Selection by Math Department

**Supplemental Supplies:** \$TBA workbook deposit  
Graphing calculator required.

This course is based on Pre-Calculus 12, but includes enhanced study of course topics, enrichment topics and math contest preparation, with a problem-solving emphasis. This course is recommended as preparation for AP Calculus.

### **Advanced Placement Calculus (ACAL-12)**

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**Grades:** 12

**Prerequisite:** 86% in Math 12 Enriched or permission of Math Department.

**Supplemental Supplies:** Graphing calculator required.

AP Calculus is an intense university level course providing elevated rigour and excellent preparation for students planning to enter engineering, sciences or mathematics programs at the post-secondary level. Major topics include Functions, Graphs and Limits, Derivatives, Applications of Derivatives, Antiderivatives, Integration, Applications of Integration and Differential Equations. Students will be prepared to write the AP Calculus (AB) exam, administered by the College Board. Achievement on this exam can provide students with the option of obtaining credit or standing in first year calculus courses at most North American universities. Also, students may choose to write the British Columbia Calculus Examination. This exam can give students credit for calculus courses at UBC, SFU, UVIC or UNBC.

**Note:** It is recommended that students attempting this course be highly motivated, and that they have completed Pre-Calculus 12 Enriched. Other students are accepted at their own risk.

### **Advanced Placement Statistics (ASTA-12)**

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**Grades:** 12

**Prerequisite:** 80% in Pre-Calculus 11. A graphing calculator is required.

AP Statistics is an introductory non-calculus-based university level course. The course introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. Students will be prepared to write the AP Statistics exam, administered by the College Board. Achievement on this exam provides students with the option of obtaining credit or standing in first year courses at most North American universities.

## Course Descriptions

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### PHYSICAL EDUCATION

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#### Physical Education 8 (MPE--08G--/MPE--08B--)

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**Grades:** 8

These programs will introduce and refine all basic movement skills. Students will be exposed to a broad and diversified program of physical activities with emphasis on learning basic skills, rules and strategies. Positive personal and social behaviour and interpersonal relationships are developed through active involvement in these physical activities

Note PE 8, 9, 10 courses are segregated courses with co-ed classes integrated for specific units.

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#### Physical Education 9 Dance (MPE-09SC1)

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**Grades:** 9

**Prerequisite:** Equivalent to PE9

Students will learn routines as well as work on strength, flexibility and fitness. The course features guest experts to teach sections of class. This is a Physical Education course, but with an emphasis on dance and dance related activities. Students will learn flexibility, fitness, lifetime and leisure oriented activities.

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#### Physical Education 9 (MPE--09G--/MPE--09B--)

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**Grades:** 9

These programs will introduce and refine all basic movement skills. Students will be exposed to a broad and diversified program of physical activities with emphasis on learning basic skills, rules and strategies. Positive personal and social behaviour and interpersonal relationships are developed through active involvement in these physical activities. PE 8, 9, 10 courses are segregated courses with co-ed classes integrated for specific units.

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#### Physical Education 10 Dance (MPE--10SC1)

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**Grades:** 10

**Prerequisite:** Equivalent to PE10

Students will learn routines as well as work on strength, flexibility and fitness. The course features guest experts to teach sections of class. This is a Physical Education course, but with an emphasis on dance and dance related activities. Students will learn flexibility, fitness, lifetime and leisure oriented activities.

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#### Physical Education 10 (MPE--10G--/MPE--10B--)

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**Grades:** 10

**Prerequisite:** PE 9

This program will provide students with opportunities to develop greater proficiency in a variety of skills and to reinforce the knowledge, attitudes and strategies learned previously. Less emphasis is placed on major sports and more emphasis is placed on lifetime and leisure-oriented activities. PE 8, 9, 10 courses are segregated with co-ed classes integrated for specific units.

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#### Physical Education 10/11/12: Fitness (Co-ed) (MPE--10SC2/YHRA-1B/YHRA-2B)

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**Grades:** 10, 11 or 12

(May be substituted for regular PE in your grade)

**Prerequisite:** PE in previous grade, Instructor approval

**Supplemental Supplies:** \$TBA

This course places the emphasis on fitness and games. It is designed to develop advanced physical strength and endurance through a variety of training techniques such as those affecting muscle and body composition. Students will further study the effects of exercise and training principles. Students will have the opportunity to develop and utilize their own individualized training program for their sport or personal fitness pursuits.

**Note: Students will not receive credit for both regular PE and Fitness Coed**

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#### Physical Education 11 (Co-ed) (MPE--11)

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**Grades:** 11 or 12

**Prerequisite:** PE 10

**Supplemental Supplies:** \$TBA

This program emphasizes participation and offers the student an opportunity to experience a wide variety of activities that promote both enjoyment in exercise and fitness. Students will participate in a variety of games and activities such as; skiing, broomball, golf, kayaking or sailing, indoor rock climbing, cycling and laser tag. This course will explore programs offered within our community and will be exciting, competitive, and fun. Students are required to complete a certain amount of service hours in the Christmas Tree lot during December and will receive class compensation for hours worked.

## Course Descriptions

### Physical Education 12 (Co-ed) (MPE--12)

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**Grades:** 11 or 12

**Prerequisite:** PE10 and 11, or permission from instructor

**Supplemental Supplies:** \$TBA

PE 12 is an active, leadership/community education based course in which students are participants in planning and coordinating the class's curriculum. Students will have numerous field trips throughout the Lower Mainland such as snow shoeing, golfing, rock climbing and skiing. Upon successful completion of the course, students will receive certification in coaching and leadership from the Coaching Association of Canada. This course will be fun, educational and challenging and should give students an experience to remember. Students will be required to assist with the Christmas Tree lot during the month of December and will receive class compensation for any extra-curricular hours given.

### Leadership PE 10/11/12 (YHRA-0A/YHRA-1B/YHRA-2B)

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**Grades:** 8 to 12

This off-timetable course will develop numerous skills valued by post secondary sport and recreation programs. Students lead the planning process and running of the Lord Byng Intramural and Athletic program. The school's intramural program takes place during lunch hours, and Leadership students will be assisting and participating in various sports offered to Byng staff and students. Students will be required to assist with score-keeping and other minor officiating duties for the Athletics program falling primarily after school. Although it is not mandatory for all students to be actively "competing" in the Lord Byng Athletic program, it is recommended that students be willing and ready to take part in intramurals either as a player or coordinator.

## SCIENCE

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### Science 8 (MSC--08)

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**Grades:** 8

The new Science curriculum is based primarily on a "Big Ideas" approach. The big ideas for the new Science 8 course are:

1. Life processes are performed at the cellular level.
2. The behavior of matter can be explained by the kinetic molecular theory and atomic theory.
3. Energy can be transferred as both a particle and a wave.
4. The theory of plate tectonics is the unifying theory that explains Earth's geological processes.

### Science 8: Byng Arts (MSC--08DC1)

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**Grades:** 8

**Prerequisite:** Successful audition, above average academic standing

**Corequisite:** Byng Arts complement of courses  
See the Byng Arts department for their program.

### Science 9 (MSC--09)

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**Grades:** 9

**Prerequisite:** Science 8

The new Science curriculum is based primarily on a "Big Ideas" approach. The big ideas for the new Science 9 course are:

5. Cells are derived from cells.
6. The electron arrangement of atoms impacts their chemical nature.
7. Electric current is the flow of electrons.
8. The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them.

### Science 9: Byng Arts (MSC--09DC1)

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**Grades:** 9

**Prerequisite:** Byng Arts 8, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses  
See the Byng Arts department for their program.

### Science 10 (MSC--10)

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**Grades:** 10

**Prerequisite:** Science 9

Science 10 is designed to familiarize students with more fundamental concepts in chemistry, biology, physics, and Earth & space science. The biology unit involves understanding the ecological principles of living and nonliving factors that affect the sustainability of ecosystems. In chemistry, compounds and types of chemical reactions are studied. Radioactivity is also explored. Physics involves motion, including velocity and its relationship to time interval and acceleration. Earth and space science investigates plate tectonics, possible causes of climate change and its impact on natural systems.

This curriculum description applies to the current BC Science 10 course, not the new curriculum.

Note: the new Science 10 curriculum is not being implemented in 2017-2018, other than optionally.

### Science 10: Byng Arts (MSC--10DC1)

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**Grades:** 10

**Prerequisite:** Byng Arts 9, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

See the Byng Arts department for the full description.

## Course Descriptions

### **Biology 11 (MBI--11)**

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**Grades:** 11 or 12

**Prerequisite:** Science 10

This is a survey course that studies organisms within the living world. Basic biological principles, including evolution, ecology, and taxonomy are introduced as a framework to guide investigations involving microbiology, fungi, plants and animals. Students taking this course are expected to do labs involving dissections.

### **Biology 12 (MBI--12)**

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**Grades:** 12

**Prerequisite:** C+ or better in Biology 11 and Chemistry 11 is highly recommended.

This is an extensive course concentrating on biochemistry, human anatomy and physiology. Almost one-third of the course will focus on the structure of macromolecules, chemical bonding, enzyme action, ultrastructure and ultraproceses of the cell, and homeostasis. The remainder of the course deals with different organ systems of the human body.

### **Chemistry 11 (MCH--11)**

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**Grades:** 11 or 12

**Prerequisite:** Science 10

**Corequisite:** Mathematics 11

This introductory course involves the study of matter using practical exercises and chemical calculations. Topics include laboratory safety procedures, significant figures, mole concepts, stoichiometric calculation, atomic theory, chemical bonding, solutions, and organic chemistry. It is recommended that students have a strong mathematical background and proficient skills in writing formulas and naming compounds.

### **Chemistry 12 (MCH--12)**

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**Grades:** 12

**Prerequisite:** 67% or higher in Chemistry 11 is recommended

This course requires a strong theoretical understanding as well as analytical application of the concepts being studied. It is recommended that students have a thorough understanding of Chemistry 11 curriculum, good writing and comprehension skills, as well as a strong mathematical background. This course deals with advanced topics in chemistry. The topics include solutions and solubility, rates of chemical reactions, chemical equilibrium, solubility equilibrium, acid-base chemistry and oxidation-reduction reactions including their applications.

### **Physics 11 (MPH--11)**

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**Grades:** 11 or 12

**Prerequisite:** Science 10

**Corequisite:** Mathematics 11

This introductory physics course deals with the motion of matter and energy using Newton's laws and Einstein's theories. The specific topics include 1-dimensional kinematics, dynamics, energy, wave motion (with light and sound), and special relativity. It is recommended that students have a strong math background, as they will focus on problem solving and conceptual physics.

### **Physics 12 (MPH--12)**

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**Grades:** 12

**Prerequisite:** 67% or higher in Physics 11 recommended

This is an in-depth study of some of the major principles of physics. This course is designed to foster the student's understanding of mathematical physics and provide the groundwork for further academic or career training of the student. Topics include 1-dimensional vector kinematics, mechanical energy and vector momentum, equilibrium, circular motion and gravitation, electrostatics, electrical circuitry, and electromagnetism.

It is recommended that Physics 11 be taken during the regular school year prior to taking Physics 12, in order to fully learn the necessary physics concepts needed to be successful in Physics 12.

## Course Descriptions

### SOCIAL STUDIES

#### **Social Studies 8: Byng Arts (MSS--08DC1)**

**Grades:** 8

**Prerequisite:** Grade 7 + Successful audition, above average academic standing

**Corequisite:** Byng Arts complement of courses

See the Byng Arts department for the full description.

#### **Social Studies 8 (MSS--08)**

**Grades:** 8

**Prerequisite:** Grade 7

The Ministry of Education has implemented a new Social Studies curriculum which has moved toward an Inquiry Model based upon Core Competencies termed “Big Ideas”. The content parameters will range from the 7<sup>th</sup> century up to 1750. The big ideas for inquiry stressed within the content background include: contacts and conflicts between peoples, human and environmental factors shaping change, the consequences of exploration, expansion and colonization for different groups and how changing ideas about the world created tension between people wanting to adopt new ideas and those wanting to preserve established traditions. For further information regarding the new curriculum specifics, please visit

<https://curriculum.gov.bc.ca/curriculum>.

#### **Social Studies 9: Byng Arts (MSS--09DC2)**

**Grades:** 9

**Prerequisite:** Byng Arts 8, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

See the Byng Arts department for the full description.

#### **Social Studies 9 (MSS--09)**

**Grades:** 9

**Prerequisite:** Social Studies 8

The Ministry of Education has implemented a new Social Studies Curriculum which has moved toward an Inquiry Model based upon Core Competencies termed “Big Ideas”. The content parameters will range from the 1750 to 1919. The big ideas for inquiry stressed within the content background include: how emerging ideas and ideologies profoundly influence societies and events, how the physical environment influences the nature of political, social, and economic change; how disparities in power alter the balance of relationships between individuals and between societies and how collective identity is constructed and can change over time. For further information regarding the new curriculum specifics, please visit

<https://curriculum.gov.bc.ca/curriculum>.

#### **Social Studies 10: Byng Arts (MSS--10DC1)**

**Grades:** 10

**Prerequisite:** Byng Arts 9, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

See the Byng Arts department for the full description.

#### **Social Studies 10 (MSS--10)**

**Grades:** 10

**Prerequisite:** Social Studies 9

The development of Canada as a nation is the principal theme for the course. The evolution of Responsible Government, events leading to Confederation, and the expansion of the West to 1914 are examined in depth. Some of the themes which emerge within the study of course content are immigration, representation in government, regional interests and colonial ties and repercussions. The geographical component focuses on Canada's economic development with emphasis given to British Columbia and the growing importance of the Pacific Rim. Contemporary issues of importance to the Canadian experience are used to provide a link from the present to the past. Current event investigations are also pursued throughout the year.

#### **Social Studies 11 (MSS--11)**

**Grades:** 11

**Prerequisite:** Social Studies 10

Three components comprise the content of Social Studies 11 which is a required for high school graduation. The historical component is a continuation from that covered in Social Studies 10. The history of Canada in the Twentieth Century introduces students to the social, economic and political relationships that have shaped and continue to shape Canada. The second component, Canadian Government, covers the workings of our political system, the importance of the Constitution and the Charter of Rights and Freedoms, and an introduction to the Canadian legal system. The third component concerns the Global Environment which examines the problems and possible solutions concerning issues such as population pressure, pollution, resource development, and urban growth. Current event investigations are also pursued throughout the year. Moreover, students are given experience in comprehending and understanding a large amount of content and challenged with acquiring critical thinking skills both in oral and written analyses of the subject matter. There is a provincial exam in June that is worth 20% of the final mark for the overall course completion.

## Course Descriptions

### **Social Studies 11: Byng Arts (MSS—11DC1)**

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**Grades:** 11

**Prerequisite:** Byng Arts 10, or successful audition and above average academic standing

**Corequisite:** Byng Arts complement of courses

See the Byng Arts department for the full description.

### **Comparative Civilizations 12 (MCCN-12)**

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**Grades:** 11 or 12

**Prerequisite:** Social Studies 11

Comparative Civilizations 12 investigates ancient civilizations in developing an awareness of the ancient past's connections with civilization today. The course encompasses streams of study within disciplines such as Archaeology, Anthropology, Philosophy, Classical Studies, Ancient History and Middle Eastern and Asian Studies. The main areas of study include the Cradle of Civilization in Mesopotamia, Ancient Egypt, Pre-Classical and Classical Greece, the Ancient Maya and Aztecs, Ancient Chinese Dynasties and Imperial Rome. A sample of some of the topics studied includes the Egyptian Afterlife, Greek Mythology, Philosophy, Theatre and Architecture, the Maya Cosmos, Aztec Ritual Sacrifice and Roman Entertainment and Cults. Other course highlights include a World Mythologies Group Presentation, an Ethical Issues Symposium, a World Music Workshop and a Field Trip to a local Greek Taverna for experiential learning of ancient culinary delights! Furthermore, emphasis on global travel as a measure of education is enhanced via slide presentations of regions studied during the year. Comparative Civilizations 12 offers students an opportunity to learn about the ancient world in enhancing an understanding of geo-political, religious, cultural and environmental developments of today.

### **Education for Sustainability 11 (YRNR-11A)**

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**Grades:** 11 or 12

**Prerequisite:** Social Studies 10

**Course Fee:** \$TBA depending on field trips

Education for Sustainability 11 combines Science, Social Studies, and Leadership. Combining in-class lectures, discussions and critiques with outdoor education and field studies we explore the idea of sustainable practises in a variety of global settings, focusing on natural resource management, trade and economic practises, policies and governance, and environmental issues. The focus is on understanding the concept of sustainability in a global context and then designing an action project that can be implemented locally to improve sustainable practises in our community. This course is academic, experiential, and culminates in a self-directed leadership action project.

### **First Nations 12 (MFNS-12)**

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**Grades:** 11 or 12

**Prerequisite:** Social Studies 10

The course is based upon the study of the history of the First Nations of Canada and British Columbia from the onset of European exploration up to today. Among the topics examined by students are the legacy of colonialism, Aboriginal Rights, Treaties and Self-Government, First Nations' oral tradition, arts, cultural expressions and society today. BC First Nations Studies 12 can be used to meet the Social Studies graduation requirement and also counts toward the minimum number of Grade 12 level credits needed to meet graduation requirements.

### **Geography 12 (MGEO-12)**

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**Grades:** 12

**Prerequisite:** Social Studies 11

Geography 12 is intended to give students an overview of the physical world by combining the work of the sciences and the humanities into a cohesive unit. The physical geography section of the course covers many aspects of the physical world including the environment, tectonic forces, gradation, hydrology and meteorology/climatology. The human geography section revolves around land and resource use with a focus on the Greater Vancouver region. Beyond the course content, students will be introduced to the skills required to understand cartography and air photograph analysis. The course will also allow students to further develop their academic writing and data analysis skills. Students will also have the opportunity to investigate case studies based up geological developments. Geography 12 is well-suited to students with inquiring minds who have an interest in learning more about the world in which they live.

## Course Descriptions

### **History 12 (MHI--12)**

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**Grades:** 12

**Prerequisite:** Social Studies 11

Based upon the history of the 20th century, History 12 examines many critical events that have contemporary ramifications. Major areas of study are: the post WWI era, the rise of communism and fascism, World War II, the Cold War, and the Collapse of Communism. Within the study areas, students examine numerous topics such as the Roaring 20's and the Great Depression in the U.S.A., the rise of Fascism in Italy and Nazism in Germany, major theatres of war in Europe and the Pacific during World War II, the crucial events initiating the Cold War, the Superpower Arms and Space Race from brinkmanship to detente, the Cuban Missile Crisis, the Korean and Vietnam Wars, China before Mao and under Mao, Arab-Israeli relations in the Middle East, the Indian independence and Gandhi, the Civil Rights Movement in the United States, Nelson Mandela and Apartheid in South Africa and finally the Collapse of Communism in Eastern Europe and the U.S.S.R. History 12 provides an excellent opportunity for students to become prepared for post-secondary education. Preparation for lecture discussions requires the reading of extensive amounts of content while perfecting note-taking techniques. Additionally, in analyzing historical problems, students acquire higher level thinking skills and improve their competence in written expression. A variety of learning activities are provided such as seminar discussions, in-class presentations and interpreting historical documents and essay writing. A field trip in the spring to the Holocaust Symposium at UBC is another notable feature of this course. While improving students' preparation for further academic pursuits is a fundamental goal of History 12, most importantly, the course supports the acquisition of knowledge and better understanding of historical cause-effect relationships that form the foundation of many contemporary global developments and issues.

### **Law 12 (MLAW-12)**

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**Grades:** 11 or 12

**Prerequisite:** Social Studies 10

This course is an introduction to the study of law. There are 3 major units of study. The first unit is criminal law and includes the procedure of an investigation, criminal offences and defenses for the accused, the trial process and sentencing. The second unit is international law. This unit explores current and past legal codes in other countries as well as issues of international law such as war crimes, crimes against humanity and the role of international courts. The third unit explores civil disputes in Canadian law including torts, contracts and marriage law. Highlights in the past have included field trips to the law courts, and guest speakers including judges, lawyers, police officers, jurors and forensic experts.

### **Social Justice 12 (MSJ--12)**

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**Grades:** 11 and 12

**Prerequisite:** Social Studies 10

Social Justice 12 provides an exceptional learning opportunity for students to analyze situations from a social justice perspective, building on the desire to discover how to improve life for those who are most in need. The course materials will establish a body of information about human rights abuses of various sorts and the skills to assess the ways in which they can be combated. The aim is to motivate and empower students to think and act ethically, and to realize their own capacity, individually or working with others, to effect positive change for a socially just world. We will examine examples from Canada and throughout the world, to gain a sense of the type of issues involved and ways that have been found to implement strategies to address them. Examples will include discrimination and persecution of individuals and groups due to age, gender, race, class, sexual orientation, religion, disability, socioeconomic status and political beliefs. Students will be encouraged to examine their own beliefs and values and gain a better understanding of those of others, through reflection, discussion, and critical analysis. The course will include field trips, documentary films, guest speakers, debates, and role plays, culminating in a student-created and implemented plan for action on a selected local, national or international social justice issue.

**END OF COURSE DESCRIPTIONS!**

Name: \_\_\_\_\_

Student #: \_\_\_\_\_

Homeroom: \_\_\_\_\_

Counsellor: \_\_\_\_\_

English Block: \_\_\_\_\_

Date: \_\_\_\_\_

	Grade 8	Final Mark
1	English 8	
2	Social Studies 8	
3	Math 8	
4	Science 8	
5	Physical Education 8	
6	French 8	
7	Applied Skill choice(s)	
8	Fine Arts choice(s)	
9	Career Ed 8	

	Grade 9	Final Mark
1	English 9	
2	Social Studies 9	
3	Math 9	
4	Science 9	
5	Physical Education 9	
6	Fine Art (or Applied Skill)	
7		
8		
9	Career Ed 9	

Graduation Program		
	Grade 10	Final Mark
1	English 10	
2	Social Studies 10	
3	Any Math 10	
4	Science 10	
5	Physical Education 10	
6	Applied Skill (or Fine Art)	
7		
8		
9	Planning 10	

**Graduation Program begins**

	Grade 11	Final Mark
1	English 11 or equivalent	
2	Social Studies 11, or equivalent	
3	Any Math 11	x
4	Science 11	
5	*	
6	*	
7	*	
8		
9		

	Grade 12	Final Mark
1	English 12 or equivalent	x
2	**	
3	**	
4	**	
5	**	
6		
7		
8		
9	Graduation Transition	

**Graduation Program Completed**

Note: For the Graduation Program - at least 4 courses in one Focus Area must be completed. You may have more than one Focus Area

\*\* Four (4) Grade 12 level courses must be completed, including English 12 or equivalent.

Denotes a course with a required provincial exam. There is no provincial exam for Math 11; however, students

x will need to write a numeracy exam before graduation.