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INTRODUCTION

The content of this booklet can also be found at: <http://churchill.vsb.bc.ca/> under the “Teaching and Learning” tab; click on the “Courses” page. This booklet is intended for the use of our Grade 8-11 students and their parents/guardians for planning courses for future years. These course descriptions are Grade 9-12 course offerings by departments of the school. Students should consider carefully the courses they wish to take next year. Courses may not be scheduled if projected enrolment is insufficient.

Students are encouraged to familiarize themselves with the content of this booklet. It is the obligation of the student and their family, in consultation with the Counsellor, to ensure that the student has chosen an array of courses that meet graduation and post-secondary institution entrance requirements.

How to use this booklet:

1. Study the graduation requirements.
2. Read the Course Descriptions for the core academic courses: English, Socials, Math, Science, PE and Languages (if any).
3. Look for additional (elective) courses based on your
 - a. Interests
 - b. Abilities
 - c. Possible use in a future vocation.
4. Select eight courses.
5. If you have questions, ask your grade counsellor or teachers in the appropriate department.
6. Do not assume you will be allowed to drop out of a course once you have chosen it. The final decision rests with the grade administrator.
7. Do not assume that a course you have not selected will be available to you.

COURSE SELECTION PROCESS

Students will begin the process of selecting courses for the following school year in January. Students select a full program of studies (8 courses per year) which meet the following goals:

1. Meet graduation requirements for British Columbia
2. Support future plans, such as entrance to college or university
3. Provide a balanced and engaging educational experience, which includes a balance of academic and elective courses

All students in Grades 8 through 11 will have completed their course selections by the end of February. Students will be selecting their courses through the MyEdBC computer system. It is imperative that parents/guardians and students are comfortable with the site and that all students are aware of their passwords. Counsellors will be assisting students with the selection of their courses.

B.C.'s Curriculum Structure

Core Competencies

The Core Competencies are the foundation of the B.C. curriculum. The Core Competencies are sets of intellectual, personal and social-emotional proficiencies that all students need to develop in order to engage in deep, life-long learning. Students develop Core Competencies when they are engaged in the “doing” – the Curricular Competencies – within a learning area. As such, they are an integral part of the curriculum. While they manifest themselves uniquely in each area of learning, the Core Competencies are often interconnected and are foundational to all learning. Through consultation with stakeholders across the province, three Core Competencies were identified:

1. **COMMUNICATION** - with two sub-competencies - **Communicating** and **Collaborating**
2. **THINKING** - with two sub-competencies - **Creative Thinking** and **Critical Thinking**
3. **PERSONAL & SOCIAL** - with three sub-competencies - **Personal Awareness and Responsibility, Positive Personal and Cultural Identity**, and **Social Awareness and Responsibility**

Core Competencies will be integrated throughout the curriculum of all classrooms. Students are expected to reflect upon the learning process and self-assess their development of the Core Competencies.

Concept-based, competency-driven curriculum

British Columbia's curriculum brings together two features that most educators agree are essential for 21st-century learning: a concept-based approach to learning and a focus on the development of competencies, to foster deeper, more transferable learning. These approaches complement each other because of their common focus on active engagement of students. Deeper learning is better achieved through “doing” than through passive listening or reading. Similarly, both concept-based learning and the development of competencies engage students in authentic tasks that connect learning to the real world.

Flexible learning environments

Learning can take place anywhere, not just in classrooms. Many schools and teachers create learning environments that explore the use of time and space in creative ways. The integration of areas of learning and technology also have opened the door for teachers and schools to approach the use of time and space in creative ways – ways that adapt to the students' needs and interests.

Curriculum Model

Three elements, the Content (Know), Curricular Competencies (Do), and Big Ideas (Understand) all work together to support deeper learning. British Columbia's curriculum design enables a personalized, flexible and innovative approach at all levels of the education system. All areas of learning have been redesigned using this model.

Content (Know)

The Content learning standards — the “Know” of the Know-Do-Understand model of learning — detail the essential topics and knowledge at each grade level.

Curricular Competencies (Do)

The Curricular Competencies are the skills, strategies, and processes that students develop over time. They reflect the “Do” in the Know-Do-Understand model of learning. While Curricular Competencies are more subject-specific, they are connected to the Core Competencies.

Big Ideas (Understand)

The Big Ideas consist of general principles and the key concepts important in an area of learning. They reflect the “Understand” component of the Know-Do-Understand model of learning. The big ideas represent what students will understand at the completion of the curriculum for their grade. They are intended to endure beyond a single grade and contribute to future understanding.

GRADUATION REQUIREMENTS

B.C. Certificate of Graduation (Dogwood Diploma)

The B.C. Certificate of Graduation, or Dogwood Diploma, is awarded to students who successfully complete the provincial graduation requirements. To graduate, students require at least 80 credits total.

Of these 80 credits:

- 52 credits are required from the following:
 - Physical and Health Education 10 (4 credits).
 - Science 10 (4 credits), and a Science 11 or 12 (4 credits).
 - Social Studies 10 (4 credits), and a Social Studies 11 or 12 (4 credits).
 - A Math 10 (4 credits), and a Math 11 or 12 course (4 credits).
 - A Language Arts 10, 11, and a required 12 course (4 credits required at each grade, 12 credits total).
 - An Arts Education 10, 11, or 12 and/or an Applied Design, Skills, and Technologies 10, 11, or 12 (4 credits total).
 - Career-Life Education (4 credits), and Career-Life Connections (4 credits).
 - Indigenous-focused course work (4 credits).
- At least 28 credits must be elective course credits.
- At least 16 credits must be at the Grade 12 level, including a required Language Arts 12 course and the Career-Life Connections course.

In addition, students must also complete three Provincial Graduation Assessments:

- Grade 10 Graduation Literacy Assessment
- Grade 10 Graduation Numeracy Assessment
- Grade 12 Graduation Literacy Assessment

French Immersion/Francophone Dual Dogwood

French Immersion students can earn both a British Columbia Certificate of Graduation (Dogwood Diploma) and a Diplôme de fin d'études secondaires en Colombie-Britannique.

To graduate with both diplomas, French Immersion students must meet the graduation requirements for the Dogwood Diploma and, of these 80 credits, they must earn:

- At least 16 credits at the Grade 12 level (including a Français langue seconde- immersion course at the Grade 12 level).
- Français langue seconde-immersion 10 (4 credits).
- A Français langue seconde-immersion course at the Grade 11 level (4 credits) or IB French A2 (SL) 11.
- Français langue seconde-immersion 12 (4 credits).
- At least 12 credits in Grade 10, 11, or 12 courses that are in French with at least 4 of these credits at the Grade 11 or 12 level.

In addition, French Immersion students must also complete four Provincial Graduation Assessments:

- Grade 10 Graduation Numeracy Assessment (English or French)
- Grade 10 Graduation Literacy Assessment
- Grade 12 Graduation Literacy Assessment
- Évaluation de littératie – Français langue seconde-immersion 12

Francophone students can earn both a British Columbia Certificate of Graduation (Dogwood Diploma) and a Diplôme de fin d'études secondaires en Colombie-Britannique.

Graduation Assessments

The Provincial Graduation Assessment requirements for all students are as follows:

- Students must complete both the Graduation Numeracy Assessment and two Graduation Literacy Assessments as a requirement for graduation.
 - Students are expected to write the Graduation Numeracy Assessment.
 - Students are expected to write the Graduation Literacy 10 Assessment.
 - Students are also expected to write a Graduation 12 Literacy Assessment.
- There will be an opportunity for students to re-write the Provincial Graduation Assessments to improve their achievement level. Until graduation, students may write a Provincial Graduation Assessment up to three times: the original attempt and two re-writes.
- The best outcome for each of the Provincial Graduation Assessments will be recorded on the student's transcripts.

The assessments will be reported on the following scale:

<i>Provincial Graduation Assessments</i>			
Emerging	Developing	Proficient	Extending
The student demonstrates an initial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a partial understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a complete understanding of the concepts and competencies relevant to the expected learning.	The student demonstrates a sophisticated understanding of the concepts and competencies relevant to the expected learning.

COURSES BY GRADE

GRADE 8 COURSES

Grade 8 Program

Required Courses

- English 8
- Mathematics 8
- Science 8
- Social Studies 8
- Physical Education 8
- French 8
- Applied Skills Rotation 8 (Tech/Business, Business/Home Ec, Home Ec/Tech Ed)
- Career Education 8 (off timetable)

Elective Courses (choose any 1)

- Fine Arts Rotation 8 (Art/Drama, Drama/Music, Music/Art)
- Beginner Band 8
- Junior Band 8
- Beginner Choir 8
- Beginner Strings 8
- Junior Strings 8
- Intermediate Strings 8

Grade 8 FRENCH IMMERSION Program

Required Courses

- English 8
- Mathematics 8
- FI Sciences 8 (FSCF)
- FI Science Humaines 8 (FSCH)
- FI Communications (FADRF)
- FI Language 8 (FRAL)
- Physical Education 8
- Career Education 8 (off timetable)

Elective Courses (choose any 1)

- Applied Skills Rotation 8 (Tech/Business, Business/Home Ec, Home Ec/Tech Ed)
- Fine Arts Rotation 8 (Art/Drama, Drama/Music, Music/Art)
- Beginner Band 8
- Junior Band 8
- Beginner Choir 8
- Beginner Strings 8
- Junior Strings 8
- Intermediate Strings 8

Synergy Program students have specific courses into which they will be scheduled

GRADE 9 COURSES

Grade 9 Program

Required Courses

- English 9
- Mathematics 9
- Science 9
- Social Studies 9
- Physical Education – choose 1
 - PE 9 or
 - PE 9 Leadership
- French 9 (if taking)
- Career Education 9 (off timetable)

Grade 9 FRENCH IMMERSION Program

Required Courses

- English 9
- Mathematics 9
- FI Sciences 9 (FSCF)
- FI Science Humaines 9 (FSCH)
- FI Communications 9 (FADRF)
- FI Language 9 (FRAL)
- Physical Education – choose 1
 - PE 9 or
 - PE 9 Leadership
- Career Education 9 (off timetable)

Elective Courses (CHOOSE 2, or 3 if not taking French) (French Immersion Students CHOOSE 1)

- Beginner Band 9
- Junior Band 9
- Intermediate Band 9
- Senior Band 9
- Concert Choir 9
- Beginner Strings 9
- Junior Strings 9
- Intermediate Strings 9
- Senior Strings 9
- Beginner Guitar 9
- Intermediate Guitar 9
- Senior Guitar 9
- Drama 9
- Dance 9
- Film 9
- Annual Production (Yearbook) 10 (open to Grade 9 students)
- Art Studio (Visual Arts) 9
- Entrepreneurship & Marketing 9
- Foods Studies 9
- Textiles 9
- Tech Ed General Explorations 9
- Media Design 10 (open to Grade 9 students)
- Electronics & Robotics 9
- Metalwork 9
- Jewelry 9
- Woodwork 9

Synergy Program students have specific courses into which they will be scheduled

GRADE 10 COURSES

Grade 10 Program

Required Courses

- English 10 – choose 1
 - Composition 10 with Verbal Expressions
 - Composition 10 with Debate & Public Speaking
 - Composition 10 with Fictional Studies
 - Composition 10 with Graphic Novels
- Mathematics – choose 1
 - Foundations of Mathematics 10 or
 - Workplace Mathematics 10
- Science 10
- Social Studies 10
- Physical Education – choose 1
 - PE 10 or
 - PE 10 Leadership
- French 10 (if taking)

Grade 10 FRENCH IMMERSION Program

Required Courses

- English 10 – choose 1
 - Composition 10 with Verbal Expressions
 - Composition 10 with Debate & Public Speaking
 - Composition 10 with Fictional Studies
 - Composition 10 with Graphic Novels
- Mathematics – choose 1
 - Foundations of Mathematics 10 or
 - Workplace Mathematics 10
- FI Sciences 10 (FSCF)
- FI Science Humaines 10 (FSCH)
- FI Communications 10 (FADRF)
- FI Language 10 (FRAL)
- Physical Education – choose 1
 - PE 10 or
 - PE 10 Leadership

Prelude Program students have specific courses into which they will be scheduled.
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GRADE 11 COURSES

Grade 11 Program

Required Courses

- English 11 – choose 1
 - Creative Writing
 - New Media - Journalism, Podcasting, and Audio Storytelling 11
 - New Media – Literature and Film Studies
 - Literary Studies – Psychology of Self
- Mathematics – choose 1
 - Precalculus 11
 - Foundations of Mathematics 11
 - Workplace Mathematics 11
- Consider taking a Science 11 course
- Consider taking a Social Studies 11 course
- Consider continuing a study of a modern language
- Career Education – choose BOTH
 - Career Life Education (CLE)
 - Career Life Connections A (CLCA)

Grade 11 FRENCH IMMERSION Program

Required Courses

- English 11 – choose 1
 - Creative Writing
 - New Media - Journalism, Podcasting, and Audio Storytelling 11
 - New Media – Literature and Film Studies
 - Literary Studies – Psychology of Self
- Mathematics – choose 1
 - Precalculus 11
 - Foundations of Mathematics 11
 - Workplace Mathematics 11
- FI Etudes Litt & Art & Prod Ecrite 11 (FEFLS)
- FI Explorations Science Humaines et Soc 11 (FEPSS)
- Consider taking a Science 11 course
- Career Education – choose BOTH
 - Career Life Education (CLE)
 - Career Life Connections A (CLCA)

GRADE 12 COURSES

Grade 12 Program

Required Courses

- English Studies 12
- Mathematics – choose 1 (not required for grad)
 - Precalculus 12
 - Foundations of Mathematics 12
 - Calculus 12
- Career Life Connections – Capstone
- Peer Tutoring (optional)
- Other graduation requirements

Grade 12 FRENCH IMMERSION Program

Required Courses

- English Studies 12
- Mathematics – choose 1 (not required for grad)
 - Precalculus 12
 - Foundations of Mathematics 12
 - Calculus 12
- FI Language 12 (FRAL)
- Career Life Connections - Capstone
- Peer Tutoring (optional)
- Other graduation requirements

GRADE 10-12 COURSE ELECTIVES

APPLIED SKILLS
-BUSINESS EDUCATION
Entrepreneurship & Marketing 10
Accounting 11
Marketing & Promotion 11
Economics 12
Entrepreneurship 12
Financial Accounting 12
-HOME ECONOMICS
Food Studies 10, 11, 12
Food Studies (Off-TT) 10, 11, 12
Textiles 10, 11, 12
Fashion Design 12B
Interior Design 11
Psychology 11
Psychology 12
-ENGLISH (additional courses can be taken as electives)
Debate 10
Creative Writing 11
New Media 11
Literary Studies 11
Literary Studies 12
-MATHEMATICS
Statistics 12
Additional Senior Science & Social Studies courses can be taken as electives.

FINE ARTS
-PERFORMING ARTS - MUSIC
Beginner Band 10, 11, 12
Intermediate Band 10, 11, 12
Senior Concert Band 10, 11, 12
Senior Jazz Band 10, 11, 12
Concert Choir 10, 11, 12
Senior Choir (Off-TT) 10, 11, 12
Beginner Strings 10, 11, 12
Intermediate Strings 10, 11, 12
Senior Strings 10, 11, 12
Beginner Guitar 10, 11, 12
Intermediate Guitar 10, 11, 12
Senior Guitar 10, 11, 12
-PERFORMING ARTS - THEATRE
Film & TV Production 10, 11, 12
Drama 10, 11, 12
Directing & Scriptwriting 11,12
-VISUAL ARTS
Book Arts & Binding 11
Graphic Arts 11, 12
Photography 10, 11, 12
Studio Arts – Sculpture/Ceramics 10, 11, 12
Studio Arts – Drawing & Painting 10, 11, 12
-DANCE
Dance Foundations 10, 11, 12
Dance Technique & Performance 10, 11, 12
Dance Choreography 11, 12
Dance Company 11, 12

COMPUTER SCIENCE
Computer Science 11, 12
MODERN LANGUAGES
French 10, 11, 12
Introductory Spanish 11
Spanish 11, 12
Introductory Japanese 11
Japanese 11, 12
PHYSICAL EDUCATION
Active Living 11, 12
Active Living (Off-TT) 11, 12
Active Living Lifestyles 11, 12
Basketball 11, 12
Fitness & Conditioning 11, 12
Volleyball (Off-TT) 11, 12
TECH EDUCATION
Annual (Yearbook) 10, 11, 12
Media Design 10, 11, 12
Webpage Design 11, 12
Technology (Engineering) 10
Metalwork 10, 11, 12
Jewelry 10, 11, 12
Electronics 10, 11, 12
Engineering 11, 12
Woodwork 10, 11, 12
Drafting & Design 10, 11, 12
OTHER
Community Service 11
Peer Tutoring 12
Work Experience 11, 12

COUNSELLING DEPARTMENT

Department Head: Mr. Michael Lattimer

COMMUNITY SERVICE 11 Course Code: YCPM-1D, YCPM-1DCR2

Open to students in Grades 11 or 12. Enrollment is at the discretion of the Grade Counsellor/Administrator.

Students provide service to specific members of Churchill teaching or office staff. Filing, typing, answering phones, acting as guides to new students, handling the circulation of materials in the library are some of the many functions performed by over 100 community service students. Community Service is either 2-credit or 4-credit course. Interested students are encouraged to make their own contacts with teaching staff who decide if the student is suitable for the service setting. Grades are given each term.

The Counselling Department, the office and the library all use many community service students.

LEARNING SERVICES SUPPORT DEPARTMENT

Department Head: Ms. Kamey Munsamy

PEER TUTORING 12 Course Code: YIPS-2B, YIPS-2A

Peer tutoring is either a 2-credit or 4-credit course offered at either the Grade 11 or 12 level. Through active participation and under the guidance of a classroom, or learning support teacher, peer tutors help support various types of learners with their academics with organization, studying, proofreading, problem solving etc. Peer Tutors will examine various theories and approaches to learning and best practice. This course is intended for students who have specific academic strengths and a desire to engage students in their learning.

BUSINESS EDUCATION

Department Head: Ms. Dawn Kelly

To meet the needs of every student, the Business Education Program is designed for continuous progress through exploration and use of the community and its resources. Students leave school with the skills necessary for future success in their personal and professional lives.

In the past, the Business Education Program has emphasized employment skills. Now, the focus is on career awareness, technology, and new options open in present and future employment. These include special training in selected career areas like entrepreneurship, marketing and accounting.

This Department's program provides:

1. Personal life skills, employment skills and post-secondary preparation.
2. Practical application of concepts and processes learned in other disciplines.
3. Application of current business technologies and opportunities to explore related careers.
4. Interaction between the school and the workplace.
5. An awareness of the effect of technological, economic and cultural changes on our values, social structure and employment opportunities.
6. An awareness of individual responsibilities as citizens of a global economy.

ENTREPRENEURSHIP & MARKETING 9 Course Code: MADEM09

Students will learn how the business world operates and the importance of businesses in the Canadian economy. Topics covered include the fundamentals of business: economic bases, business types, stock markets, and business ethics. Entrepreneurship including social entrepreneurship in First Nations communities will be explored via a re-branding project. The project will cover researching, marketing, designing, and innovating by creating advertisements, logos, mission statements, and business goals. Students may use Microsoft 365 software or any on-line web tools, apps or sites. A significant amount of class time will be dedicated to the re-branding project. This project is open ended, so bring all your ideas and creativity and build a brand that you can be proud of. In the past students have re-branded major corporations such as Pepsi or Burger King. Some famous re-brandings may be viewed at <https://sway.office.com/jiRZXCXJX8koBv1h?ref=Link>.

ENTREPRENEURSHIP & MARKETING 10 Course Code: MADEM10

Students via an independent group project will create a digital mock business. Materials and supplemental assignments provided by the teacher will guide the students. The project will cover researching, marketing, designing, and innovating by creating advertisements, floor plans, business cards, logos, budgets, etcetera via Microsoft 365 software or any on-line web tools, apps or sites available. A significant amount of class time will be dedicated to the digital mock business project. Historically, students have created retail products and services such as nail salons, food trucks, cafes, and shoe stores. This class is a chance to explore the role and nature of being a small business owner, an entrepreneur, who will make all the creative and budgeting decisions. This project is open ended, so bring all your ideas and creativity and build a business that you can be proud of. Some sample student projects may be viewed at <https://sway.office.com/eBXBb6hhleQaPeFs?ref=Link>. No prerequisites required.

ACCOUNTING 11 Course Code: MAC--11

Accounting 11 is an introductory course centered on the fundamentals of accounting, providing students with an in-depth look into journals, ledgers, trial balances, worksheets, income statements, balance sheets and awareness of First People's culture. *Accounting 11* students will gain valuable business skills and obtain vital computer experience by working with Excel and Simply Accounting Software. Students will also participate in a number of activities, including virtual stock market simulations and Monopoly with accounting applications. *Accounting 11* is an essential course for learning the fundamental skills needed for any post-secondary business program.

MARKETING AND PROMOTION 11 Course Code: MMAP-11

This is an introductory, project driven course centered on the fundamentals of marketing. The many topics covered by this course include the 4Ps, target markets, product life cycles, the role of advertising, ad design, the AIDA model, awareness of First People's culture, marketing strategies, and international marketing. Marketing 11 students will be able to develop important business skills by conducting practical market research and presenting a user-centered marketing proposal to the class. Additionally, students will be provided with the unique and invaluable opportunity to work and run the school store, gaining hands-on experience in a professional retail environment. This ultimately leads to the development of desirable personal attributes and skills applicable to any career.

ECONOMICS 12 Course Code: MEC--12

If you are planning to study Economics or Commerce in college or university, then this is the course for you! If you see yourself as a future businessperson, the study of economics can offer some general insights that will be helpful. In this course, students will examine how a modern mixed economy operates and what things are important within one. The curriculum includes: an analysis of economic activity in society, on a national level, and on a global level; perspectives on government and social policies; and an awareness of First People's culture. In short, the study of economics will help you better understand how the world functions as we connect theory with reality. Throughout the course, there will be many opportunities for students to practice multiple facets of the core competencies related to communication, critical thinking, and creative thinking.

ENTREPRENEURSHIP 12 Course Code: MENT-12

Entrepreneurship & Marketing 12 provides students an opportunity to formulate, test, and execute real business ideas and evaluate their impact on society. If you have the qualities associated with an entrepreneur and want to make a difference to the community, then this course is for you. In addition to developing your business idea, you will learn about successful entrepreneurs, construct a solid business plan, and develop an awareness of First People's culture. Throughout the course, there will be many opportunities for students to practice multiple facets of the core competencies related to communication, critical thinking, and creative thinking.

FINANCIAL ACCOUNTING 12 Course Code: MFA—12

Recommended Prerequisite: Accounting 11

Financial Accounting 12 is an application-based course that provides students with an in-depth look into the fundamental accounting principles. In this course, students will learn about inventory control, cash control systems, statement of cash flows, detailed ledger accounts, and awareness of First People's culture. Students will also be able to develop analytical decision-making skills by participating in virtual stock market simulations and Monopoly with journals. *Financial Accounting 12* is extremely beneficial to students who seek a post-secondary education in courses such as finance and business management, as this course gives them a unique opportunity to solve problems using Microsoft Excel and Simply Accounting Software.

CAREER EDUCATION

Department Head: Ms. Dawn Kelly

Career Education is a main component of BC's new curriculum. Career Education is implemented in all five grades (Grade 8-12) in both off-timetable and on-timetable formats.

All students are required to have 8 credits of Career Education in order to fulfill graduation requirements.

The two courses that are students are required to take are:

Career Life Education

Career Life Connections (which includes a Capstone project)

Career Life Education (4 Credits)/Career Life Connections Part A (2 credits) Course Code: MCLE-10/MCLCA12

Career-life choices are made in a recurring cycle of planning, reflecting, adapting, and deciding.

Career-life decisions are influenced by internal and external factors, including local and global trends.

Engaging in networks and reciprocal relationships can guide and broaden career-life awareness and options. A sense of purpose and career-life balance support well-being.

Lifelong learning and active citizenship foster career life opportunities for people and communities.

Career Life Connections Capstone Project (2 credits) Course Code: MCLCB12

A capstone project, also known as a culminating project or experience, or senior exhibition, among other terms, is a project that allows students to demonstrate their learning using an area(s) of interest as the basis for the project. Ideally, this would be in an area that they are passionate about and anticipate they will be pursuing after graduation. In Career Life Connections, students will design, assemble, and present a capstone project to an audience to demonstrate personal learning and achievement (in and out-of-school), growth in the core competencies, and a reflection on the post-graduation plan.

Capstone projects include components such as the following:

Proposal	The proposal outlines the project and includes disciplinary and core competency connections, timelines, and product.
Mentor	The mentor is ideally a shared role that includes teachers and/or community members that provide guidance throughout the culminating project.
Research	The research is an essential component that informs each student's culminating project.
Product	The product is the end result of the project (eg, video, document, performance, something constructed).
Information	The presentation can have a variety of forms and happens with an audience composed of teachers, community members and/or others connected to the student and/or their culminating project.

Career Education at Churchill Secondary

Grade 8

Career Education 8 (4 credits) – Off-timetable. Course attached to grade counsellor. Concepts and material covered through independent work on MyBlueprint, assemblies, classroom visits, flex time.

Grade 9	Career Education 9 (4 credits) – Off-timetable. Course attached to grade counsellor. Concepts and material covered through independent work on MyBlueprint, assemblies, classroom visits, flex time.
Grade 10	Independent, off-timetable work on career education, which will be stored in MyBlueprint for use in the Grade 11 CLE course. Concepts and material covered through independent work on MyBlueprint, assemblies, classroom visits, flex time.
Grade 11	Career-Life Education (4 credits)/Career-Life Connections (2 credits) Super Course – This course will run in the 2020/2021 school year. This is a combination course which will outline the key concepts of Career-Life Education in the first part of the year and then will focus on the key concepts of Career-Life Connections the following year with an emphasis on the Capstone proposal.
Grade 12	CLC Capstone (2 credit) – Students would be scheduled into half-year 2 credit CLC Capstone courses, primarily to complete their Capstone Project. These classes would not necessarily need to meet as whole classes on a regular basis. Teachers could use this time to conference with individual students on their projects. Teachers would be responsible for mentoring and assessing projects and inputting marks, just as in all classes. Ideally, we would find teachers from a variety of disciplines to take these classes (humanities, math/science, fine arts, applied skills, IB, French Immersion)

COMPUTER SCIENCE

Department Head: Ms. Rebecca Tang

COMPUTER SCIENCE 11 Course Code: MMACS11

An academic course in introductory Computer Science using popular languages (Python, Java). No prerequisite required. Topics that will be covered are: introduction to programming and logical thinking, programming methodology, programming structures, graphics, user interface and algorithms. We will explore the fundamentals of Computer Science by creating computer programs that either entertain or solve analytic problems. By the end of this course, students will be able to create their own software. Many students find this to be a challenging yet interesting and fun course. Students who intend to go into Science, Engineering, Commerce or Mathematics will have a definite advantage by taking this course in high school.

COMPUTER SCIENCE 12 Course Code: MMACS12

This is an advanced course in Computer Science designed for students who have successfully completed Computer Science 11. Some prior programming experience is highly recommended. Using industry standard languages (Python, Java and/or C++), students will create their own programs that explore more advanced topics in Computer Science such as: data structures, algorithms, object-oriented programming that make use of inheritance and class structures. Some assignments will also include higher level Math and other advanced algorithms. Students' individual skills and imagination will be utilized in a major development project at the end of the course. This course is designed to give students who will be taking programming at university a head start.

ENGLISH

Department Head: Mr. Corey Sale

English (Language Arts) is required in Grades 8 through 12 for high school graduation. The work in each year's English course builds upon the concepts that have been acquired in previous years. Emphasis is placed on a student's ability to communicate effectively in speaking and in writing.

The Provincial Core Competencies that facilitate development of English Language Arts are:

Communication -The communication competency encompasses the set of abilities that students use to impart and exchange information, experiences and ideas, to explore the world around them, and to understand and effectively engage in the use of digital media.

Thinking - The thinking competency encompasses the knowledge, skills and processes we associate with intellectual development. It is through their competency as thinkers that students take subject-specific concepts and content and transform them into a new understanding. Thinking competence includes specific thinking skills as well as habits of mind, and metacognitive awareness.

Personal and Social - Personal and social competency is the set of abilities that relate to students' identity in the world, both as individuals and as members of their community and society. Personal and social competency encompasses the abilities students need to thrive as individuals, to understand and care about themselves and others, and to find and achieve their purposes in the world.

ENGLISH 9 Course Code: MEN--09

This course continues the formal study of literature in prose fiction, non-fiction, comics, poetry, and plays. A focus on writing, with an intensive approach to composition, provides students with an abundance of writing experience and teaches them the essential skills of revising, editing and reflection. Students will develop confidence in their written expression. Grammar and usage are taught in the context of student writing.

In GRADE 10, students are expected to choose course combinations according to their interests. These combinations are made up of **two two-credit courses** needed to fulfil provincial graduation requirements. Each combination will focus on developing a student's reading, writing, speaking, listening, viewing, and representing skills.

Each combination will include **Composition 10** and a choice of **one** additional focus listed below:

Literary Studies 10 (Fictional Studies)
Literary Studies 10 (Graphic Novels)
Spoken Language 10 (Debate and Public Speaking OR Verbal Expressions)

COMPOSITION 10 (2 credits) Course Code: MCMPS10

Composition 10 is designed for students who have an interest in developing their skills in written communication in a variety of contexts. Within a supportive community of writers, students will work individually and collaboratively to explore and create coherent, purposeful compositions. They will develop their craft through processes of drafting, reflecting, and revising to build a body of work that demonstrates breadth, depth, and evidence of writing for a range of situations.

Composition 10 will consist of the following:

- planning, drafting, and editing processes,
- writing for specific audiences and specific disciplines, and
- citing sources, considering the credibility of evidence, and evaluating the quality and reliability of the source.

Writing will fall under (but is not limited to) three main types:

- narrative, descriptive, and persuasive

LITERARY STUDIES 10 (2 credits)

Literary Studies is a category of courses designed for students who are interested in the literature of a particular form, genre or medium. This range of literary content will allow them to:

- increase their literacy skills through close reading of appropriately challenging texts,
- enhance their development of the English Language Arts curricular competencies,
- expand their development as educated global citizens,
- develop balance and broaden their understanding of themselves and the world, and
- develop higher-level thinking and learning skills

The following will be offered as Literary Studies 10 options in 2023/2024:

- Fictional Studies 10 Course Code: MLTST10SC4
- Graphic Novels 10 Course Code: MLTST10SC3

Fictional Studies 10

This class is designed for students who are interested in stories and storytelling. Activities and projects build writing skills and create spaces for students to deepen their understandings of themselves and the world(s) they inhabit. Throughout the course, students are given choices that allow opportunities for exploring their passions and interests while demonstrating learning objectives.

Graphic Novels 10

This class is designed for students wishing to explore stories in visual form. Students will explore the business, history, format, and philosophy of the comic medium. Focus will be placed on literary analysis of both fiction and non-fiction in a variety of manner. Students may be asked to create graphic novel content.

SPOKEN LANGUAGE 10 (2 credits)

Spoken Language 10 provides opportunities for students individually and collaboratively to study, create, and use language to produce original pieces in a variety of modes. The course will provide students with opportunities for performance and/or public speaking.

The following will be offered as Spoken Language 10 options in 2023/2024:

- Debate and Public Speaking 10 Course Code: MSPLG10SC1
- Verbal Expressions 10 Course Code: MSPLG10

Debate and Public Speaking

The following are possible areas of focus in Debate and Public Speaking 10:

- Develop students' public speaking skills, argumentative skills, research skills and general communication skills.
- Various vocal and speaking exercises designed to develop the students' ability to communicate effectively in front of a group.

- Develop the students' research abilities by requiring in-depth analysis of a topic and the research skills required to investigate any given issue.

Verbal Expressions

The following are possible areas of focus in Verbal Expression 10:

- Performance – suggested content/topics include spoken word/slam poetry, poetry recitation, oral storytelling, readers' theatre.
- Oral tradition – suggested content/topics include oratory, knowledge sharing, oral history.
- Professional applications — suggested content/topics include speech writing/presenting, proposals, interviewing, event facilitation.

In grade 11, students are expected to choose one four-credit course to fulfil provincial graduation requirements. Additional courses may be taken as electives.

CREATIVE WRITING 11 (4 credits) Course Code: MCTWR11

Creative Writing 11 is designed for students who wish to refine their writing skills through self-expression for various creative purposes. This course provides students with in-depth opportunities to explore personal and cultural identities, memories, and stories in a wide range of genres. Students will collaborate and strengthen their skills through writing and design processes. Possible areas of focus include short fiction, poetry, creative non-fiction, and memoir.

LITERARY STUDIES 11 (4 credits)

Literary Studies is a category of courses designed for students who are interested in the literature of a particular form, genre, medium, or topic. The goals of the course are similar to Literary Studies 10, with the depth of study increasing with the maturity of the reader.

Offered as a Lit Studies 11 option in 2023/2024: Psychology of the Self 11 Course Code: MLTST11SC2

Psychology of the Self

Traditional literature comprehension and analysis is further explored through the lens of psychology and philosophical belief. The course is designed to answer the question of "why?" around characters' actions and author's motivations.

NEW MEDIA 11 (4 credits)

New Media 11 is designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. Coursework is aimed at providing students with a set of skills vital for success in an increasingly complex digital world. Possible areas of focus include media and film studies, journalism and publishing, and digital communication including podcasting.

Offered as a New Media 11 option in 2023/2024:

- Journalism, Podcasting, and Audio Storytelling 11 Course Code: MNMD-11
- Film, Media and Literature Studies 11 Course Code: MNMD-11SC1

Journalism, Podcasting, and Audio Storytelling 11

This class explores the changing role of technology and the increasing importance of digital media in communicating and exchanging ideas. Activities and projects are designed to build practical knowledge as well as problem solving skills, offer a showcase for creativity, and provide the necessary knowledge to run a professional podcast. Coursework includes producing and publishing content using the school's recording studio and provides practice with lead-writing, media ethics, interviews, recording and editing, social media, and more.

Film, Media and Literature 11

Students will explore the advancement of storytelling techniques through modern and classical film and literature (novels, plays, short stories, and poetry). Thematic units will equip students with critical analysis skills to navigate modern media and deepen their understanding of various storytelling techniques in their world. Literature and Film Studies 11 students will be asked to respond to film and literature through oral discussion, critical analysis writing, and journal reflection. Projects will encompass creative thematic elements and require students to explore storytelling technique with a critical eye.

In grade 12, students are expected to choose between **English Studies 12** and **English First Peoples 12** to fulfil provincial ELA 12 graduation requirements. Additional courses may be taken as electives.

ENGLISH LANGUAGE ARTS 12 (4 credits)

ELA 12 builds on and extends students' previous learning experiences in ELA 10 and 11 courses. It is designed for all students and provides them with opportunities to:

- refine their ability to communicate effectively in a variety of contexts and to achieve their personal and career goals.
- think critically and creatively about the uses of language
- explore texts from a variety of sources, in multiple modes, and that reflect diverse worldviews
- deepen their understanding of themselves and others in a changing world
- gain insight into the diverse factors that shape identity
- appreciate the importance of self-representation through text
- contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples
- expand their understanding of what it means to be educated Canadian and global citizens

Offered as ELA 12 options (to meet ELA graduation requirements) in 2023/2024:

- English Studies 12 Course Code: MENST12
- English First Peoples 12 Course Code: MENFP12

Offered as an ELA 12 (elective option) in 2023/2024:

- English Literature (Literary Studies 12) Course Code: MLTST12

ENGLISH LITERATURE 12 (4 credits) Course Code: MLTST12

The primary goal of Literature 12 is to foster a critical appreciation of the richness and variety of literature written in English through the ages, in its social and historical contexts. This is an elective course that is designed for any student who likes to read, discuss, and write about literature, but it is particularly valuable for students who are planning to study sciences or humanities at university.

ENGLISH LANGUAGE LEARNERS

Department Head: Ms. Janice Lam

ELL students are individually assessed upon arrival at the Newcomer Welcome Centre to best determine their course and level placement. Churchill's ELL program is divided into language ability levels. Churchill also offers a Transitional program to assist students who are almost ready for the regular program, and an Academic Strategies course to assist students newly enrolled in regular English courses.

The ELL program consists of adapted courses in English, Social Studies and Science at three different levels for both junior and senior students. Math, P.E. and electives are regular courses. Language courses such as French, Spanish and Japanese are usually delayed until students have left the ELL program.

ELL Levels 1-3 students study English, Social Studies, and Science, with a variety of ELL teachers. Teachers use a language-in-content approach where the skills of reading, writing, listening and speaking are taught/developed while supporting the students' learning in the different subject areas. ELL teachers use a variety of resources, writing and communication activities to assist students acquire English language skills.

Students are integrated into Transitional English, Transitional Social Studies, regular courses as soon as they are ready to manage the linguistic demands of the curriculum. Assessment is ongoing, and promotion into Transitional or age/grade appropriate courses is determined by the criteria from the BC Ministry ELL Standards.

THE TRANSITIONAL PROGRAM

The Transitional Program at Churchill is a bridge between the ELL program and the regular English and Socials courses. Transitional classes combine the intensive study of English and Socials with regular curriculum content. Credit for English and Social Studies is granted upon successful completion of transitional classes. Each Transitional English class consists of two blocks rather than the single block of regular English. Students receive regular English (8, 9 or 10) credit as well as an additional credit for the English 10 support class. Transitional 10 students receive an additional credit for the English 10 support class (Academic Strategies 10). All transitional courses follow the BC Ministry curricula which allow for an easier transition into the regular program.

LEARNING STRATEGIES FOR ELL LEARNERS

Learning Strategies is for ELL Learners who have moved out of the Transitional Program and into regular English, and still require some assistance in reading comprehension, vocabulary expansion, and composition writing. The teacher designs the program to best support each student in this advanced English language support class. In grade 10 (English Language Development 10) and grades 11 & 12 (Academic Writing Strategies 11) students are credited for the course.

FINE ARTS

Department Head: Mr. Alan Pronger

PERFORMING ARTS - MUSIC **Band, Choir, Guitar & Strings**

The Music Department provides students with leadership and musicianship development in instrumental and vocal areas of study. Our ensembles have a proud performance history in our school, our community, and on tour. All music courses develop students' confidence and performance abilities. We share our music in concerts, festivals, and school events from November to June. Performances are a required aspect of music classes and are considered an integral part of evaluation. Additionally, the elected student Music Council organizes department events and productions, building students' collaborative administration skills and our music community.

INSTRUMENTAL MUSIC 9,10,11,12 Beginner Band

Music 9: Beginner Band Course Code: MMU--09BA1

Instrumental Music: Concert Band 10 (Beginner) Course Code: MMUCB10--1

Instrumental Music 11: Concert Band (Beginner) Course Code: MIMCB11--1

Instrumental Music 12: Concert Band (Beginner) Course Code: MIMCB12--1

If you have ever wanted to learn to play a band instrument, this course is for you! No experience is needed for this introductory band course. Basics of playing and musicianship will be covered. Students do not need any previous musical experience in order to join this class. Students will be involved in choosing which instrument they will play through the year. These instruments include: Flute, French Horn, Trumpet, Trombone, Clarinet, Baritone, Bass Clarinet, Tuba, Alto Saxophone, Tenor Saxophone and Percussion. This course should lead to either Junior Band or Intermediate Band, depending on ability at the end of Beginner Band. (*Band instruments do not include Guitar or Piano)

INSTRUMENTAL MUSIC 9 Junior Band

Music 9: Junior Band Course Code: MMU--09BA2

If you have previously taken band, but need a little more reinforcement before Intermediate band, then this course is for you. This course will build on the foundational musical skill developed in elementary school or Beginner Band. You need to be able to read music on your given instrument at the beginning of this class. Students will most likely continue to play the instrument they played previously, although there is a possibility of switching. This is not an introductory band course, and previous experience is necessary. This course should lead to either Intermediate Band or Senior Band, depending on ability at the end of the year.

INSTRUMENTAL MUSIC 9,10,11,12 Intermediate Band

Music 9: Intermediate Band Course Code: MMU--09BA3

Instrumental Music: Concert Band 10 (Intermediate) Course Code: MMUCB10--3

Instrumental Music 11: Concert Band (Intermediate) Course Code: MIMCB11--3

Instrumental Music 12: Concert Band (Intermediate) Course Code: MIMCB12--3

If you have taken band at high school previously, and you want to advance your ability further before moving onto Senior Band, this course is for you. This course will continue to extend your technical ability on your instrument, and expand on your musical knowledge of technique, theory and history. This course should lead you into Senior Concert Band. Don't let this be the end of your musical adventure!

INSTRUMENTAL MUSIC 9,10,11,12 Senior Concert Band

Music 9: Senior Band Course Code: MMU--09BA4

Instrumental Music: Concert Band 10 (Senior) Course Code: MMUCB10--4

Instrumental Music 11: Concert Band (Senior) Course Code: MIMCB11--4

Instrumental Music 12: Concert Band (Senior) Course Code: MIMCB12--4

Do you want to continue your Musical/Band adventure? Great! This class meets on the timetable, and a wide variety of music will be learned, with a continued emphasis on musical development. The symphonic band will play more music concerts and may be involved in a tour in the spring. More class time is spent working on repertoire as students gain more musical maturity. This is the premier Concert Band at the school, and musical leaders in the music program.

CONTEMPORARY MUSIC 10,11,12 Senior Jazz Band (Off Timetable: M/W lunch, Th 3:15-4:30)

Must be concurrently enrolled in a LARGE ENSEMBLE (Strings, Band, Choir)

Instrumental Music: Jazz Band 10 Course Code: MMUJB10

Instrumental Music 11: Jazz Band Course Code: MIMJB11

Instrumental Music 12: Jazz Band Course Code: MIMJB12

Students interested in playing jazz should sign up for the Jazz Band. Jazz band plays much more contemporary music, and promotes an energetic and enthusiastic atmosphere. The Senior Jazz band will be the busiest ensemble at the school playing at concerts, as well as special events like the Bulldog Classic, and other events around the school and district. A variety of music will be worked on, with a continued emphasis on musical skill development.

CHORAL MUSIC 9, 10, 11, 12 Concert Choir

Music 9: Choir Course Code: MMU--09CC1

Choral Music: Concert Choir 10 Course Code: MMUCC10

Choral Music 11: Concert Choir Course Code: MCMCC11

Choral Music 12: Concert Choir Course Code: MCMCC12

Do you love to sing? In Concert Choir you will build your voice, your confidence, and develop your performing ability. Growing your vocal skills includes learning healthy tone production, ear training, and part singing in all styles of song. You will gain strategies for music reading and experience in singing for the school and community.

CHORAL MUSIC 10, 11, 12 Senior Choir (Off Timetable)

Choral Music: Concert Choir 10 Senior Off TT Course Code: MMUCC10OF4

Choral Music 11: Concert Choir Senior Off TT Course Code: MCMCC11OF4

Choral Music 12: Concert Choir Senior Off TT Course Code: MCMCC12OF4

Take your singing skills farther with the Senior Choir! If you are ready to express your artistry through singing, this group is for you. You will build professional poise and confidence, refine four-part vocal and music reading skills in all styles and multiple languages. This choir performs for conferences, district festivals, as well as school and local events throughout the year.

INSTRUMENTAL MUSIC 9,10,11,12 Beginner Strings

Music 9: Strings Beginner Course Code: MMU--09ST1

Instrumental Music: Orchestra 10 Beginner Course Code: MMUOR10--1

Instrumental Music: Orchestra 11 Beginner Course Code: MMUOR11--1

Instrumental Music: Orchestra 12 Beginner Course Code: MMUOR12--1

Open to students in grade 8-11. No previous experience is needed for this introductory orchestra course. Basics of playing and musicianship will be covered. Students will choose one of the following instruments (rented or purchased at their own cost): violin, viola, cello, or bass.

INSTRUMENTAL MUSIC 9 Junior Strings

Min. 1 to 2 years' experience

Music 9 Strings Junior Course Code: MMU--09ST2

This is a performance-based course for students with previous elementary school or private lesson experience on a string instrument. Students will have to buy or rent their own instrument. Students who have played before but have stopped playing for one or two years may register but they must be able to read music, have reasonable proficiency on their string instrument of choice, and maintain a regular practice schedule. Concerts and other performance activities are a mandatory component of this course. Private lessons are highly recommended.

INSTRUMENTAL MUSIC 9,10,11,12 Intermediate Strings

Music 9 Strings Intermediate Course Code: MMU--09ST3

Instrumental Music: Orchestra 10 Intermediate Course Code: MMUOR10--3

Instrumental Music: Orchestra 11 Intermediate Course Code: MMUOR11--3

Instrumental Music: Orchestra 12 Intermediate Course Code: MMUOR12--3

Min 2-3 years at the elementary school level or private lesson experience.

This course is designed to prepare students for participation in the Senior Strings course. Students must be able and willing to work at their own pace for long periods of time. Technical musical studies in groups or individual are an important part of the course. Group work will increase as students progress. Home practice of 30 minutes a day is expected. Students are also expected to supply their own instrument.

INSTRUMENTAL MUSIC 9,10,11,12 Senior Strings

Music 9 Strings Senior Course Code: MMU--09ST4

Instrumental Music: Orchestra 10 Senior Course Code: MMUOR10--4

Instrumental Music: Orchestra 11 Senior Course Code: MMUOR11--4

Instrumental Music: Orchestra 12 Senior Course Code: MMUOR12--4

Audition or by recommendation of the Strings Teacher. Completion of "Intermediate Strings" is highly suggested.

The major focus of this course is in-depth work and performance of selected compositions. An integral part of this course is public concerts in the school and community. Practicing for these will take a large part of the course. These students will also work in small groups. Evaluation is based on self-evaluation of effort and progress, skill improvement, participation in concerts, and extra-curricular efforts. Cost: Students will be responsible for the care and repair of instruments whether owned by the student or loaned by the school.

INSTRUMENTAL MUSIC 9, 10, 11, 12 Beginner Guitar

Music 9: Guitar Beginner Course Code: MMU--09GR1

Instrumental Music: Guitar 10 Beginner Course Code: MMUGT10--1

Instrumental Music: Guitar 11 Beginner Course Code: MIMG-11--1

Instrumental Music: Guitar 12 Beginner Course Code: MIMG-12--1

No previous experience is required for this course. Guitar techniques covered will include chording, strumming, and first position and basic barre chord forms. You will develop music literacy in treble clef and tablature notation. You will learn to play blues, rock, classical, and pop styles of song, and explore basic improvisation and composition. This course will build your skills and confidence in performance through duo and solo song projects.

INSTRUMENTAL MUSIC 9, 10, 11, 12 Intermediate Guitar

Music 9: Guitar Intermediate Course Code: MMU--09GR2

Instrumental Music: Guitar 10 Intermediate Course Code: MMUGT10

Instrumental Music: Guitar 11 Intermediate Course Code: MIMG-11

Instrumental Music: Guitar 12 Intermediate Course Code: MIMG-12

Previous Course: Beginning Guitar 10 or 1 year of guitar experience

If you have more than a year of playing experience, Intermediate Guitar is for you. You will learn advanced first position chords, bar chords in A, E, D forms, extend fingerstyle & flatpick techniques and further develop tablature & notation reading. This course will build your confidence and experience in improvisation, composition, and performance in solo and small ensemble projects, school events, and at Music Department concerts. A variety of styles from rock, blues, folk, to classical are covered.

INSTRUMENTAL MUSIC 9, 10, 11, 12 Senior Guitar

Music 9: Guitar Senior Course Code: MMU--09GR3

Instrumental Music: Guitar 10 Course Code: MMUGT10--3

Instrumental Music: Guitar 11 Senior Course Code: MIMG-11--3

Instrumental Music: Guitar 12 Senior Course Code: MIMG-12--3

Previous Course: Intermediate Guitar or 2-3 years of experience

In this course students will study musical notations in 1st, 5th, and 7th position, tablature notation, advanced finger picking, barre chords in A, E, D, V7, Min 7 and Maj7 forms, and altered tunings. A wide variety of repertoire will be covered with an emphasis on solo & ensemble playing, composition and improvisation.

PERFORMING ARTS

Theatre and Film Production

Drama and Film Production has something for everyone, whether it is a student who loves playing drama games and being on stage or a student who wants to stay behind the camera to tell their story. Churchill's Drama and Film department aims to broaden student awareness of dramatic tradition and film history. We want students to develop visual literacy and an understanding of media as well. There will be a broad range of course work that cover technical skills as well as acting in drama from stage to modern film and media production.

Introductory classes are offered in the initial years with developmental Drama and Film courses. Creativity, confidence, collaboration, and communication are the main themes. At the senior level, more attention is given to the requirement of performance including practical production and audition skills. All levels of the drama program emphasize: teamwork, generosity in sharing ideas, focus and the audience response, basic mime skills, clarity of voice, imaginative development of storytelling ideas, sensitivity and clarity in scenes. Some of the following courses are production oriented with outcomes on display in the Theatre Churchill productions. All are designed to help the student appreciate the wide variety and many styles of dramatic art.

DRAMA 9 Course Code: MDR--09

The aims of this course are to develop imaginative abilities, a good speaking voice, control of the physical self, and the use and control of emotions. The focus is on the development of improvisational skills and the understanding of theatre stories. The elements of story telling, setting the problem, raising the stakes and resolution are explored as they relate to improvisation and scene building and play structure.

Original screen writing will be studied. Visual language (film and TV) will be compared to the language of the stage. Mime skills will be reviewed. Improvisations, monologues and short scenes will be presented by the students.

FILM 9/10

Drama 9: Film Course Code: MDR—09SC1

Visual Arts 10: Media Arts 10 Film & TV Production Course Code: MVAM-10

This is an introductory course in film and television. Students will produce their own short film subjects, as well as learn the basics of production work: writing, camerawork, directing, editing and sound. They will be introduced to technical equipment and begin to study media from the viewpoint of both the creator and the consumer. Students will learn film language and learn how to analyse their own and other media productions. This course is an excellent introduction for those students who later wish to take IB Film Studies 11/12.

DRAMA 10 Course Code: MDRM-10

An extension of Drama 9 and an introduction for new students

Drama 10 further develops the speaking voice, the power and concentration cooperation in-group scenes and the use of the body on the stage in mime and other routines. Film and TV special effects will be examined with an aim to understand both mediums and the effect on the viewer. The students will begin working on the presentation of roles and characterizations through memorized scripted scenes. A special focus will be character work looking at the techniques of character development. Classes will study script analysis, with the aim of the development of character.

DRAMA 11 Course Code: MDRM-11

Acting 11 introduces the students to the role of the actor on stage, extending and developing the understanding of story and the character development skills achieved in Drama 9 and 10. Character development and presentation will be the focus, developed through the use of role-play and the memorized scripted scenes. Technical elements: lighting, stagecraft, make-up and general theatre history will be introduced but all focus on the actor in stage production. Students should develop sufficient confidence over the year in order to participate in auditions for a role or to be involved in the creation of a full-scale production. The emphasis is on acting for the stage and those interested in stage technical skills, film and TV, or directing should look to other courses offered by the department.

DRAMA 12 Course Code: MDRM-12

This course builds on character development and presentation techniques learned in Acting 11. Different acting styles and periods will be studied: History of Greek theatre, Comedia del Arte, Elizabethan theatre and more. Contemporary Canadian, American and British plays will be a focus. Play reports from current drama will be expected. Comedy, stand-up comedy, and comic scenes will be studied audition techniques explored. Presentations of monologues and scenes from world drama, classical theatre will be mounted. Film and stage techniques will be compared. (**See also Film and TV Drama 11).

DIRECTING & SCRIPT DEVELOPMENT 11, 12 Course Code: MDRDS11/MDRDS12

Admission: Interview with Instructor

This course involves study of story-telling structure in a workshop environment, learning a variety of types of narratives, simple scripts and monologues culminating in the writing of a one-act play. Each student will co-direct an original one-act play. One aim is understanding the co-operative role of writer and director in rehearsal and the central role of the director in interpretation of the script for production for audience.

DRAMA: FILM AND TELEVISION 11 Course Code: MDFT-11

This course is highly recommended for those who see a possible future in the Vancouver's growing film and TV industry or those who would like to compile an acting portfolio to submit to Universities. Designed for those who plan to act or enter the technical side of visual productions, this course offers pre-production, production and post-production skills. Production stages: editing, soundtrack and special effects will be studied. The emphasis is on practical production but screenplay format, social, cultural and historical context of TV and film will also be studied.

DRAMA: FILM AND TELEVISION 12 Course Code: MDFT-12

This course extends those skills learned in Drama Film and TV 11 into a production setting and is significant for those who will go on in this field. Exploration and analysis of Film acting skills, film industry organization, film technology and processes will be examined. The students will be expected to produce script treatments which will be translated to film. Team leadership skills in the production environment will be taught. Students will be assisted in portfolio building to expedite admission to university in other programs.

VISUAL ARTS: FILM & TELEVISION 11 & 12

Visual Arts: Media Arts 11 Film & TV Production Course Code: MVAMT11

Visual Arts: Media Arts 12 Film & TV Production Course Code: MVAMT12

This is an advanced course in film and television. Students will produce their own short films, as well as learn the basics of production work: writing, camerawork, directing, editing and sound. They will be building their film portfolio to submit to Universities. Students will learn film language and learn how to analyse their own and other media productions. This course is a suitable for students who would like to continue filmmaking but do not wish to take IB Film Studies 11/12.

IB FILM STUDIES (STANDARD LEVEL/ HIGHER LEVEL) 11 & 12 (Two-Year Film Course)

IB Film Studies (HL/SL) 11 Course Code: IF --11

IB Film 12 Standard Level Course Code: IF --12

IB Film 12 Higher Level Course Code: IFH --12

Students in the IB program can enroll in the diploma program. Non-IB students can enroll in the IB Film Certificate Program.

The IB film course aims to develop students as proficient interpreters and makers of film texts. Through the study and analysis of film texts, and through practical exercises in film production, the film course develops students' critical abilities and their appreciation of artistic, cultural, historical and global perspectives in film. Students examine film concepts, theories, practices and ideas from multiple perspectives, challenging their own viewpoints and biases in order to understand and value those of others. There are four final assessments in year 2 that determines your mark.

PERFORMING ARTS

Dance

Want to learn how to dance like your favourite Instagram, TikTok or K-Pop stars? Dance at Churchill will give you a the foundation in dance technique, history and choreography you need to 'wow' crowds of people with your dance moves. Gain important performance skills and 'break out' of your shell as you learn popular dance styles, including Hip-Hop dance, Street Jazz, Waacking, Locking, Popping, Jazz Funk, House, Litefeet, Contemporary and Broadway. Dance at Churchill is a great way to make friends, express yourself, take risks, stay fit and have fun!

DANCE 9 & DANCE FOUNDATIONS 10 Course Codes: MDNC-09 & MDCF-10

This is an introductory performing arts course to introduce students to the history and technique of different styles of dance. Students are given the opportunity to learn a wide variety of dance styles including: Hip Hop and Street styles, Jazz, Broadway, tap, contemporary, and cultural dances. Students will learn dances choreographed by the teacher and they will also learn how to create their own dance sequences. They will also have exciting opportunities to perform in several shows throughout the year.

DANCE FOUNDATIONS 11, 12 Course Codes: MDCF-11 & MDCF-12

Dance Foundations 11 and 12 will focus in-depth on Street and Popular dance styles, such as Hip-Hop dance, Waacking, Locking, Litefeet, Jazz Funk, Popping, House and Street Jazz. If time allows students will also learn other technical styles, such contemporary, Broadway, tap and cultural dances. Students will learn dances choreographed by the teacher as well as learn how to create their own dance sequences and will have exciting opportunities to show off their dance skills at dance performances throughout the year. As this is an upper-level course, students should expect choreography and dance sequences at a faster, intermediate pace.

DANCE TECHNIQUE AND PERFORMANCE 10 **Course Code: MDNTP10**

Dance Technique and Performance will focus in-depth on developing proper dance technique and conditioning through the study of Ballet, Jazz and Contemporary Dance. Street and Popular dance styles will also be studied if time allows. Students will further gain flexibility, strength, co-ordination and conditioning. Students will learn dances choreographed by the teacher and they will also learn how to create their own dance sequences. They will have opportunities to perform in several shows throughout the year.

DANCE TECHNIQUE AND PERFORMANCE 11, 12 **Course Codes: MDNTP11 & MDNTP12**

Similar to Dance Technique and Performance 9-10, but taught at a faster, intermediate pace. Dance Technique and Performance will focus on developing proper dance technique through the study of Ballet, Jazz and Contemporary Dance (Street and Popular dance styles will only be studied if time permits). Students will further gain flexibility, strength, co-ordination and conditioning. Students will learn dances choreographed by the teacher and they will also learn how to create their own dance sequences. They will have opportunities to perform in several shows throughout the year.

DANCE: CHOREOGRAPHY 11 **Course Code: MDNC-11**

Previous Course: Dance Foundations or Tech and Perf 10 or by audition

Choreography 11 provides students with opportunities to create dance choreography for a variety of informal and formal settings. Students learn to explore, create, refine, and produce dance using the elements of movement to serve artistic intentions. By working through the creative process, students develop an understanding of these elements and how they combine to form the final product, a choreographed piece.

DANCE: CHOREOGRAPHY 12 **Course Code: MDNC-12**

Previous Course: Dance Tech & Perf 11, Dance Foundations 11 or by audition

Choreography 12 provides students with further opportunities to create dance choreography while drawing on all the learned movement elements and skills. This process requires a nurturing environment that encourages risk taking. Such an environment enables students to become comfortable moving back and forth through the creative process of exploring, selecting, combining, refining and reflecting. Students learn to discuss their own creative processes and those of others as they describe and respond to choreography.

IB DANCE 11 and 12 – **Course Codes – IDSL-11/IDSL-12**

IB Dance is for students to deepen their understanding and appreciation for Dance. Students in the IB program can enroll in the diploma program. Non-IB students can enroll in the IB Film Certificate Program. Students are required to show progress and achievement in performance, choreography and cross-cultural dance studies. Students are expected to push themselves creatively to explore more than one style, will be required to choreograph pieces for themselves and for other students, and will take leadership roles in performing well-rehearsed dances in public settings.

GRAPHIC ARTS

GRAPHIC ARTS 11 Course Code: MVAGA11

This is a course where students will expand their understanding of graphic art processes by furthering creative ability, proficiency, developing the prowess to manipulate strategies, and increasing critical thinking skills.

- For beginners or one's previous knowledge,
- Expanding graphic art processes,
- Continue to learn Adobe Creative Suite applications,
- Develop creative ability, proficiency,
- Increasing critical thinking skills,
- Builds on the prior learning of the individual art skills,
- Include traditional processes & ideas sketch book,
- digital photography, magazine layouts & book cover design.

GRAPHIC ARTS 12 Course Code: MVAGA12

This is an advanced design course for senior students. Participants will hone their expertise with the traditional and digital graphic art process.

- Use Adobe Creative Suite applications,
- Research technology creative careers,
- Prepare a dynamic digital portfolio of their work for application to a post-secondary institute.

PHOTOGRAPHY

PHOTOGRAPHY 10 Course Code: MVAPH10

Photography is a unique art form that captures images in a variety of contexts.

- Photography reflects the inner connectedness of the individual, community, history and society.
- Growth as a photographer is dependent on perseverance, resilience, and reflection
- Artistic expression is an artist's physical and cognitive articulation of our humanity
- Teacher directed assignments

PHOTOGRAPHY 11 Course Code: MVAPH11

Photography is a unique art form that captures images in a variety of contexts.

- Photography reflects the inner connectedness of the individual, community, history and society.
- Growth as a photographer is dependent on perseverance, resilience, and reflection
- Artistic expression is an artist's physical and cognitive articulation of our humanity
- Single Len Reflex Camera is introduced

DIGITAL PHOTOGRAPHY 12 Course Code: MVAPH12

Photography is a unique art form that captures images in a variety of contexts.

- Photography reflects the inner connectedness of the individual, community, history and society.
- Growth as a photographer is dependent on perseverance, resilience, and reflection
- Artistic expression is an artist's physical and cognitive articulation of our humanity
- Understanding the manual features on Single Len Reflex Camera continues
- Develop Student Centered assignments
- Edit with Adobe Lightroom and Photoshop

It is helpful if students have their own Single Reflex (non-automatic) Camera. Students may borrow the department's camera equipment on "first come first serve" agreement. However, students assume 100% responsibility to the replacement or repair of any lost, damaged or stolen property. Therefore, all students must have their parent/guardian sign and return the letter of responsibility before any loan.

VISUAL ARTS

Do you have wonder, desire to understand, or curiosity? Do you want to increase your ability to concentrate and express yourself? Are you looking for inspiration, ideas, or plans that call out to be thought, painted, printed, drawn, sculpted, and/or, ArtMag!ed? Do you love drawing, painting, printmaking, sculpting, or ceramics? Then take one or more Visual Arts courses.

If you want to grow stronger in your art, or if you are just starting out and need skills, practice, or inspiration, you will be given the opportunity to learn many techniques and to try many different materials and mediums, to find your preferred ones, and to explore what each one allows you to accomplish.

Sketchbooks are used in each Art course and become a record of a student's artistic journey. Students will also have an opportunity to display their pieces in many places both in the school and out.

Supplemental Fees may be collected up to the following amounts for: Art 8 \$10; Art 9-10 \$25; Art 11-12 \$30

ART STUDIO 9 Course Code: MVA--09

Visual Arts 9 is a basic course to prepare students for further study in art. Stressed are the principles and elements of design, especially as they apply to drawing, painting, printmaking, sculpting, and ceramics. Creativity and skill development are emphasized and encouraged. Also addressed will be cultural, historical, and contemporary developments in art.

VISUAL ARTS 10: ART STUDIO Course Code: MVA10

Visual Arts 10 builds on the technical, critical and creative skills of Visual Arts 9, and earlier art courses, but may be taken as a first course by students with no background in Visual Arts. Students are encouraged to take more initiative and attempt more ambitious projects. The emphasis is on: drawing and painting, printmaking, sculpture, and ceramics. All general Visual Arts courses try to accommodate and encourage the diverse artistic interests of the students. The sketchbook begun in Visual Arts 9 is continued and is an important part of this course and the student's artistic development.

STUDIO ARTS 3D 10 (SCULPTURE CERAMICS) Course Code: MVAC-10

This Ceramics course is designed for those wishing to work primarily with clay. Students will be introduced to the fundamentals of ceramics and focus on the basic hand building techniques, some wheel work, knowledge of clay bodies and its origins, and consider its history and contemporary development. Students will learn about surface colourants and their applications, and kiln basics. Emphasis will be placed on learning the elements and principles of design, especially form and texture as they apply to ceramics, and drawing will be used as means of exploring form and image. Students will receive one half a bag of clay but may need to purchase additional clay. Recycled clay may be used free. A deposit is also collected at the beginning of the year and returned at the end of the year upon the return of the students' clay tools.

STUDIO ARTS 3D 11 and 12 (SCULPTURE 11, 12: Ceramics) Course Codes: MVAC-11 and MVAC-12

This senior Ceramics class is identical to the VAC 9 / 10 course and is intended for Grades 11 and 12. Students will develop skills for manipulating clay with their hands and on the potter's wheel. The kiln, surface colourants and its application, tradition and design in clay will be covered and researched. Those who have taken a full year ceramics course in a previous year will build upon their existing skills and knowledge. It is a self-directed study in which experimentation and personal development in a concentrated area is encouraged. Students will mount an in-school show or display, group or individual project of their work by the end.

STUDIO ARTS 2D 11, 12 (DRAWING AND PAINTING 11, 12) Course Codes: MVAD-11 and MVAD-12

This Drawing and Painting course is designed for those students who wish to specialize in these areas. Students work in a studio format, building on previous courses and developing a personal approach to imagery. They will maintain a verbal/visual sketchbook and a folio of finished works. Assignments in various media will be given. Students will continue to develop critical judgement of art. Gallery visits may form a part of this course. Historical and contemporary aspects of drawing and painting will be considered and researched.

ART STUDIO 11 Course Code: MVA11

Art Studio 11 is a general course which undertakes to explore some of the following: drawing, painting, printmaking, sculpting, ceramics, textiles, graphics. Within these areas, the elements and principles of design are again emphasized, as well as guided personal imagery. Considerations of the 20th Century and former eras in art, including Canadian influences, are explored to help the student develop an understanding of their own visual context. Library research, field trips to galleries, and arts events may form a part of this course. Students are encouraged to acquire technical and critical skills, but more importantly, to use their imagination and creativity.

ART STUDIO 12 Course Code: MVA12

This course is a review and expansion of Art Foundations 11. This course provides students with the opportunity to further develop their skills and appreciation of art with the option of concentrating their studies in any of the expression areas. It is recommended for those who may pursue a career in art, or further studies in the visual arts at the college or university level or art school.

BOOK ARTS and BINDING 11 Course Code: YVPA-1M

Open to grade 10, 11 and 12 students, this course explores the making of books as a means of expression, enabling one to combine visual art concepts, materials and mediums, design and structure creatively in the many varied forms of the handmade book. Students will make an assortment of hand-crafted books such as those used for journaling, drawing and recording information, as well as high quality display and photo albums, pop-up books, and imaginative books that investigate alternative formats and content. Discover techniques, materials and equipment unique to book

binding, while also incorporating other arts forms such as illustration, printmaking, papermaking, paper decorating and altering techniques, painting, photography, collage, and the written word. Encouraged will be the use of non-conventional and re-usable materials and methods to develop original, decorative and imaginative imagery and objects.

IB ART 11 and 12 Course Codes: IARS-11, IARH-2A

The IB Art course is a place for students to expand their creative horizons. Certificate students (not enrolled in IB Diploma program) are welcome to take the course if they have a strong passion for Art and an understanding that they are committing to a two-year program. Students are required to show progress and achievement in areas such as image development, technical skill, personal growth and global, cultural and historical awareness. It is expected that students push themselves to try new techniques and examine the progress of their ideas.

In Grade 11, students are exposed to anything and everything – technical, visual, experimental, philosophical, historical - related to visual arts. Grade 11 students will be given a variety of projects and will learn the importance of the Visual Arts Journal (VAJ).

In the Grade 12 year, students use all their experiences and interests to put together a collection of written work and visual work that is shown in an exhibition, which forms part of the final exam for the course. The course is assessed based on three components; Comparative Study (20%), Process Portfolio (40%), Exhibition and Curatorial Rationale (40%).

Throughout both Grade 11 and 12 students will participate in projects, exercises, and discussions to help them develop the skills and techniques of investigation, both written and visual, relate art to its cultural and historical context, develop and use the processes of art criticism and analysis, share one's work with an audience through displays or presentations, develop confidence speaking about art and make connections between ideas and practice.

IB Art is challenging to be sure and requires out of class hours to complete required work, but the ultimate goal of this class is to allow each student a means of achieving a personal understanding of themselves, the world around them and the art they create. It is a useful step in the beginnings of a career in a creative field.

FRENCH IMMERSION

Department Head: Ms. Emily Kung

Churchill Secondary School is one of three centres for Vancouver Secondary students wanting to pursue their studies in French Immersion. Students accepted into the Secondary French Immersion Program at Churchill should have previously completed a Late/Early French Immersion program at the elementary level. The catchment area for Churchill French Immersion includes the southern half of Vancouver. It is important to note that French Immersion is for students who have learned French as a second language (L2) or even as a third (L3) language. Courses are specifically designed for L2 and L3 learners.

For students who love a challenge, Prelude and IB programs do offer a (FI) component.

IMMERSION COURSES

Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Art Dramatique	Art Dramatique	Art Dramatique * (paired with Conception de Media 10)		-
FRAL	FRAL	FRAL *	FEFLS *	FRAL *
Social Studies	Social Studies	Social Studies*	Social Studies **	-
Science	Science	Science*		-

*** Also offered separately for Prelude/IB students. For Prelude students, Art Dramatique will be paired with Etudes Internationales as two half-year courses.**

**** This course (Social Studies) is in English for IB students who must also do CLE/CLC in French in order to get their Double Dogwood Diploma**

FRANCAIS LANGUE SECONDE-IMMERSION 9 Course Code: FFRAL09

A continuation of FRAL 8, students continue to establish connections to various cultures and experiences through questioning, critical thinking and reflection. Students are expected to critically analyse various literature and texts through spoken and written productions, with which they continue to refine their knowledge of grammatical concepts and develop proficiency in the French language.

ART DRAMATIQUE 9 (COMMUNICATION 9) Course Code : FADRF09

An extension of Communication 8.

FRANCAIS LANGUE SECONDE-IMMERSION 10 Course Code: FFRAL10

This course emphasizes all four language skills: speaking, writing, listening and reading. Knowledge of French grammar is stressed, as is vocabulary study, through composition exercises. Listening skills are also reinforced through various activities. Literary appreciation is developed through the study of novels, poetry, short stories and plays.

ART DRAMATIQUE 10/CONCEPTION DE MEDIA 10 (2 Half Courses) Course Codes: FDRM-10SEM, FMEDD10

Continuation of Communication 9. In the “Arts et Médias” portion of this course, students will perform various communicative activities and learn about art, media and film studies.

ETUDES LITT ET ART ET PROD ECRITE 11 Course Code: FEFLS11

This course is designed to encourage students to discover, explore, analyze, and interpret cinematographic and literary works of the French-speaking world. The course offers numerous opportunities for students to demonstrate their understanding and communicate their ideas through a variety of digital media and communications. In addition, a variety of excerpts from well-known novels, plays and poems will be studied. The usual study of language, spelling and grammar also continues. Stress will be placed on good oral and written skills. Students will explore a variety of writing genres (essays, descriptions and narration) and do formal oral presentations.

CAREER LIFE EXPLORATIONS (4 credits)/CAREER LIFE CONNECTIONS Part A (2 cred) Course Code: FCLE-10/FCLCA12

This course is *required* for all **IB Grade 11 French Immersion** students in order to meet the requirements for the bilingual Dogwood Diploma. CLE and CLC will be taught in French and will outline the key concepts of Career Life Education. It will focus on the key concepts of Career Life Connections with an emphasis on the Capstone proposal.

*This course, although providing credit in French, cannot replace FILA/FRAL11 or FISS11 and **does not** count towards the bilingual Dogwood for non-IB students, although **does** count as a graduation requirement.*

FRANCAIS LANGUE SECONDE-IMMERSION 12 Course Code: FFRAL12

This course includes a detailed study of a variety of literary works, selected from Canada, France and the francophonie, including Métis and other Canadian indigenous literature written in French. As well, a large selection of texts and documents will be read, discussed, and created. The course will encourage students to use critical and creative thinking to analyze various communication situations and refine their communication skills in diverse contexts. Throughout the year, students also prepare for the French Immersion Graduation Literacy Assessment (GLA), which includes both a written and an oral component. The French Immersion Graduation Literacy Assessment (Évaluation de littératie – Français langue seconde – Immersion) is mandatory for all students who wish to obtain their Bilingual Dogwood (IB students included).

FRENCH IMMERSION SOCIAL STUDIES (SCIENCES HUMAINES 9, 10, 11)

SCIENCES HUMAINES 9 Course Code: FSCHF09

In this course, we will explore the idea of continuity and change. We will be focusing events in Canada and around the world spanning from 1750 to 1919. Our Canadian themes include colonization, exploitation and nation building. Our international theme is centered around revolutions – social, political, economic and technological. Students will explore these themes with the help of a variety of multimodal texts. In addition to building on content knowledge, students will have many opportunities to practice their critical thinking and communication skills. Students will also develop research skills that will be critical to their success in future humanities courses.

SCIENCES HUMAINES 10 Course Code: FSCH-10

In this course we will explore Canada's 20th century history. We will look at what has happened in Canada over the last 100 years as well as Canada's place in major world events from 1914 to present. Some themes we will explore include historical and contemporary injustices, global and regional conflicts as well as reconciliation for the aforementioned. Students will explore these themes with the help of a variety of multimodal texts. In addition to building on content knowledge, students will have many opportunities to practice their critical thinking and communication skills. Students will also develop research skills that will be critical to their success in future humanities courses.

EXPLORATIONS SCIENCES HUMAINES ET SOCIALES 11 Course Code: FEPSS11

This course will provide the opportunity for students to explore 20th Century and Contemporary issues. Inquiry-based with a focus on critical thinking skills such as historical perspective-taking, historiography, and academic research and writing.

FRENCH IMMERSION SCIENCES 9, 10 Course Codes: FSCF-09/FSCF-10

French Immersion Science 9 and 10 follow the same curriculum as English Sciences 9 and 10. Instruction and resource materials are in French.

HOME ECONOMICS

Department Head: Ms. Dawn Kelly

TEXTILES 9 and 10 Course Codes: MADT-09 and MTXT-10

This course will include basic hand and machine construction techniques, including fabric study, First Peoples practices, and principles of design. Environmental and ethic factors that influence textile choices and the impact of those choices on local and global communities will be discussed. Strategies for altering patterns and upcycling/recycling will be explored. Students will have the opportunity to choose projects that meet their needs. Fieldtrips and guest speakers will be included.

TEXTILES 11 Course Code: MTXT-11

This course will continue to develop the content areas of Textiles 10 in more detail. Also, topics around the influence of marketing and advertising, such as social media, in the promotion of fashion and textile items. Students will challenge themselves with more complicated designs and fabrics. This course develops individual expressions in clothing selection and intermediate skills in clothing construction. Fieldtrips and guest speakers will be included.

TEXTILES 12 Course Code: MTXT-12

This course will continue to build on the content covered in Textiles 10 and 11. Methods for designing patterns, textile manipulation techniques, and historical perspectives (including First Peoples). Discussion of forecasting practices and how they are used in the development and creation of textile items. The relationship between the fibre content, fabric type, and textiles use will always be considered. Careers in clothing and textiles will be examined. Fieldtrips, portfolios, and guest speakers will be included.

FASHION DESIGN 12B Course Code: YVHE-2B

This course is for fashion conscious students interested in developing their designing abilities. This could provide an enjoyable hobby or, with additional training, could lead to a fashion career. It also further develops the ability to make wise clothing choices and to evaluate fabric goods critically and objectively. Each student will complete a series of flat pattern drafting assignments and produce a personalized pattern block to be used as a basis for their own designs. Creativity and self-expression, through the use of pattern blocks will be used to create at least three garments in a variety of fabrics. Students will also complete units on colour, design elements of fashion and fashion sketching.

FOODS STUDIES 9 Course Codes: MADFS09

This course will engage with the following subject matter: food safety and security, meal preparation and planning, and cultural eating practices including First Peoples. Students will explore food trends, marketing, nutrition, food systems, and the relationship between mental and physical well-being, all while learning the basics of home cooking. A global perspective on food systems will encompass environmental, ethical, economical considerations, and the impact on health.

FOODS STUDIES 10 Course Code: MFOOD10

This course will engage with the following subject matter: food safety, food preparation practices (elements of a recipe, cooking techniques, and equipment usage), recipe substitutions, nutrition and healthy eating, and First Peoples food use and preparation. Students will explore food trends, marketing, and food systems, encompassing environmental, ethical, economical considerations, and the impact on health.

FOOD STUDIES 11 & 12 Course Code: MFOOD11, MFOOD12

This course builds on the skills and knowledge gained in Foods & Nutrition 9/10. More advanced food preparation techniques and further study of nutrition will take students to an intermediate level. Students will consider consumer issues and evaluate environmental, cultural, social and aesthetic components of food. Students are able to select many of their own recipes and plan labs, while considering such elements as management of time, energy and cost

INTERIOR DESIGN 11 Course Code: YAED-1B

Interior Design 11 is scheduled to run every second year.

Do you imagine what it would be like to be an Interior Designer? Are you curious about career options in this field? The Interior Design business is really hot right now with a new generation of products, on-line shopping and TV programs to help individuals design beautiful, inspired spaces for living and working. This course provides students the opportunity to examine the elements and principles of design and learn how to apply these to the interior design process. Students will investigate the design process from start to finish. A body of work will be produced that represents their individual design style. Students will explore career options in the field of Interior Design.

PSYCHOLOGY 11 Course Code: YPSYC1A

Psychology 11 and 12 can be taken over 2 years.

This is an introductory course that focuses on the study of human behaviour. This class will include some interactive activities so that students can engage directly with and think critically about the topic at hand. Topics include an overview of the field of psychology, methods of research, the brain and behaviour, principles of learning, intelligence and creativity, personality, communication. By the end of this course, students will have a basic understanding of psychology as it relates to personal, social and educational life.

PSYCHOLOGY 12 Course Code:

Psychology 11 and 12 can be taken over 2 years.

This course is different than Psychology 11 and is designed to allow students to take psychology a second time or over 2 years. This course is structured to include the following units: biological, cognitive, abnormal, developmental psychology. Students will investigate topics in psychology that are of personal interest and complete an inquiry project. Other current topics in the area of psychology will be investigated – these can include psychology of law, forensics and neuropsychology.

MATHEMATICS

Department Head: Ms. Rebecca Tang

The Mathematics program is designed to provide every student with a sound working knowledge of the mathematics necessary to succeed in their chosen post-graduation field. The diversity of our course offerings not only helps students develop skills in computation, algebra, geometry, logical reasoning, statistics, pre-calculus and calculus, but also empowers them to pursue interests in the workplace, apprenticeship programs and in college or university education.

MATHEMATICS 9 Course Code: MMA--09

The textbook used in this course is an affordable student workbook, available for purchase and consumable use or for use and return provided that the workbook comes back in new condition without writing.

Mathematics 9 reviews the ideas introduced in Mathematics 8 and lays the foundation for more advanced study of mathematics in grades 10, 11 and 12. The major topics presented in the course are:

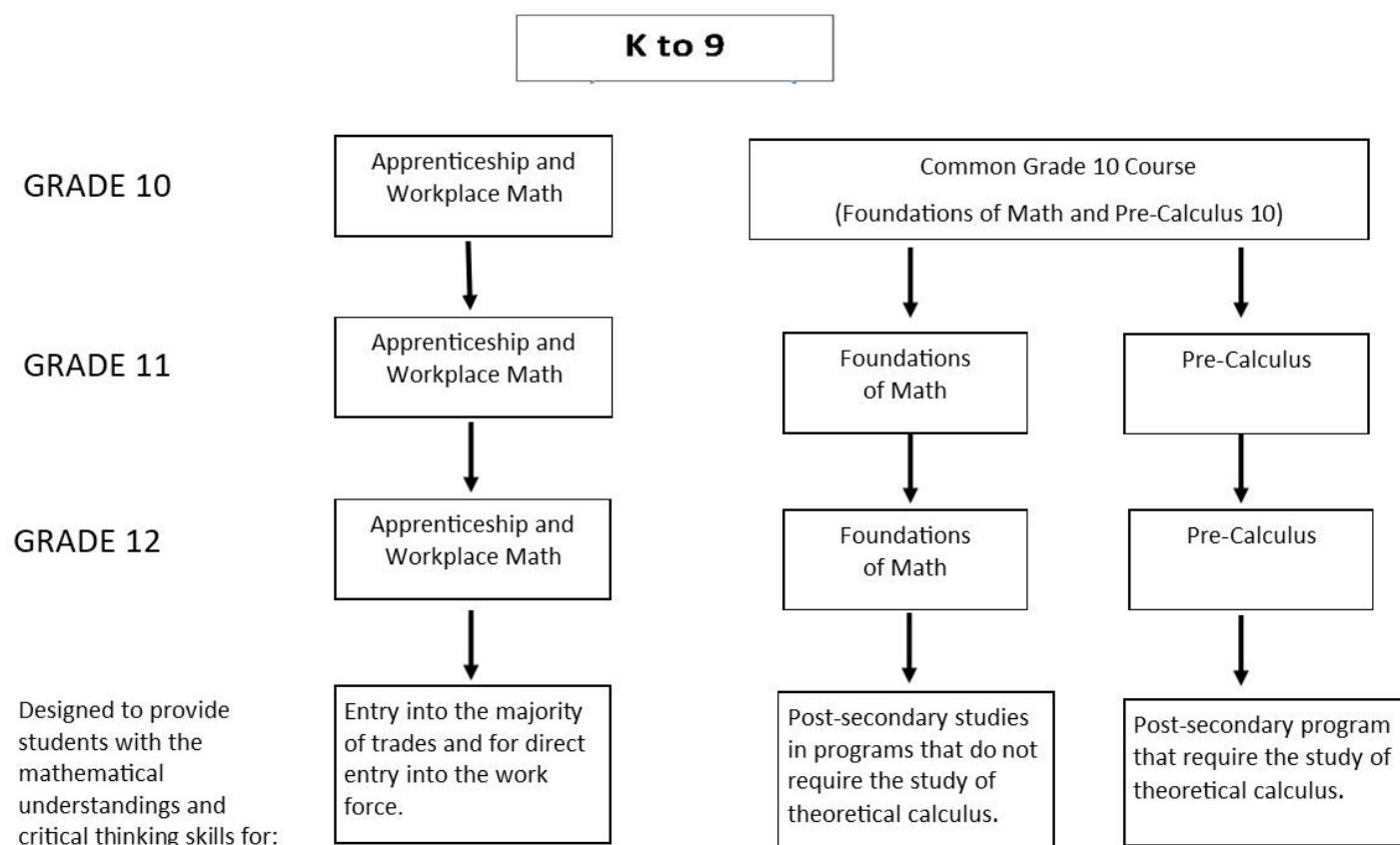
- Arithmetic Review
- Rational Numbers
- Probability and Statistics
- Financial Literacy
- Linear Equation
- Word Problems in 1 Variable
- Reasoning
- Exponents
- Polynomials
- Similarity and Scale Factors

In grades 10-12, the pathways program designed by the Ministry of Education is followed. There are three options:

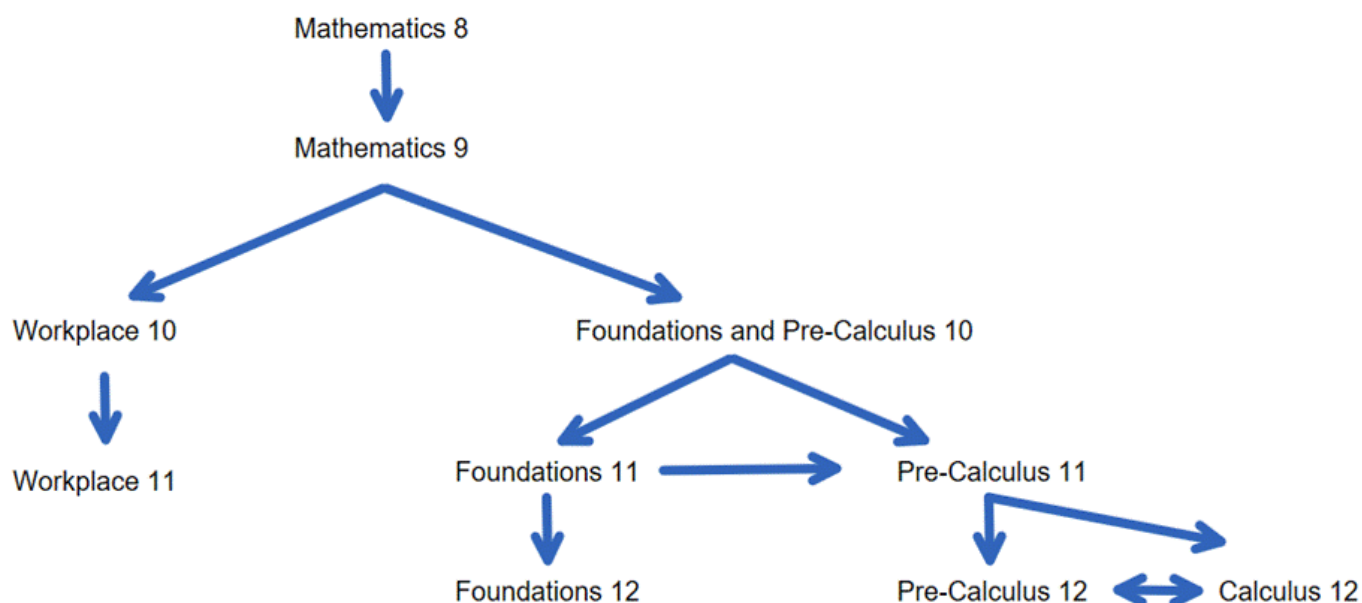
- Workplace Mathematics – pathway designed for students entering the workforce immediately after graduation or who are pursuing specific apprenticeship training.
- Foundations of Mathematics – pathway designed for students planning to pursue a post-secondary ARTS program (such as humanities, fine arts, law or social sciences, disciplines that do not require the study of theoretical calculus). In grade 10, the Foundations and Pre-Calculus courses are combined.
- Pre-Calculus Mathematics – pathway designed for students planning to pursue a post-secondary SCIENCE program (such as math, science, engineering, or business/commerce, disciplines that require the study of theoretical calculus).

The choice between these three distinct pathways is generally determined by interest, ability, and post-secondary aspirations. Students are strongly recommended to become informed about the course requirements of individual college and university for specific areas/programs of interest.

Overview of Pathways



Pathways at Churchill



FOUNDATIONS AND PRE-CALCULUS MATHEMATICS 10 Course Code: MFMP-10

The textbook used in this course is an affordable student workbook, available for purchase and consumable use or for use and return provided that the workbook comes back in new condition without writing.

This course is designed for students who will be pursuing either the Foundations of Math program OR the Pre-Calculus program.

Topics include:

- Finance
- Rationals and Irrationals
- Polynomials
- Equation and Slope of a Line
- Trigonometry
- Introduction to Function
- Linear equations/Linear system of equations
- Arithmetic sequences and series

Students with a weak background in Mathematics 9 should register for Workplace Mathematics 10.

WORKPLACE MATHEMATICS 10 Course Code: MWPM-10

The textbook used in this course is an affordable student workbook, available for purchase and consumable use or for use and return provided that the workbook comes back in new condition without writing.

This course is intended for students who will NOT continue in a mathematics related career and to those who wish to review fundamental skills. It entitles the student to continue in Workplace Mathematics 11. The course includes some topics from Mathematics 8, 9, and 10. NOTE: Credit for Workplace Mathematics 10 is not equivalent to credit for Foundations and Pre-Calculus Mathematics 10.

Topics Include:

- Measurement
- Finance
- Trigonometry
- Geometry

PRECALCULUS MATHEMATICS 11 Course Code: MPREC11

**Graphing calculators will be used extensively – the purchase of one is advised. **

The textbook used in this course is an affordable student workbook, available for purchase and consumable use or for use and return provided that the workbook comes back in new condition without writing.

Pre-Calculus is an academically demanding and sophisticated pathway that requires significant dedication and hard work. Students wishing to pursue math, science, engineering, or business/commerce in post-secondary but find FMP10 difficult should first take Foundations 11 to improve skills before tackling Pre-Calculus 11.

The main topics in the course include:

- Quadratic Functions/Quadratic Equations
- Polynomial Functions
- Finance
- Trigonometry
- Rationals and Irrationals
- Radicals and Radical Equations

Students with a weak background in FMP10 should register for Workplace Mathematics 11.

FOUNDATIONS OF MATHEMATICS 11 Course Code: MFOM-11

**Graphing calculators will be used extensively – the purchase of one is advised. **

The textbook used in this course is an affordable student workbook, available for purchase and consumable use or for use and return provided that the workbook comes back in new condition without writing.

The Foundations of Mathematics 11 and 12 courses are intended for students heading into post-secondary studies in programs that do not require the study of theoretical calculus. Topics include:

- Measurement
- Geometry
- Logical Reasoning
- Statistics
- Quadratic Functions & Quadratic Equations
- Research Project

Students with a weak background in FMP10 should register for Workplace Mathematics 11.

WORKPLACE MATHEMATICS 11 Course Code: MWPM-11

The textbook used in this course is an affordable student workbook, available for purchase and consumable use or for use and return provided that the workbook comes back in new condition without writing.

The Apprenticeship and Workplace Mathematics 11 and 12 courses are intended for students planning on entry into the majority of trades and for direct entry into the work force. Topics include:

- Measurement
- Geometry
- Finance
- Algebra
- Graphs

PRECALCULUS 12 Course Code: MPREC12

Previous Course: Pre-Calculus 11

**Graphing calculators will be used extensively – the purchase of one is strongly advised. **

The textbook used in this course is an affordable student workbook, available for purchase and consumable use or for use and return provided that the workbook comes back in new condition without writing.

This course is designed for the student of above average math ability. It provides a basis for those students who plan post-secondary careers in such areas as Mathematics, Engineering, Physics, Chemistry, Biology, Medicine, Business/Commerce and related fields. Topics include:

- Polynomials
- Relations and Functions
- Transformations
- Exponents and Logarithms
- Trigonometry
- Conics
- Geometric Sequences and Series

FOUNDATIONS OF MATHEMATICS 12 Course Code: MFOM-12

**Graphing calculators will be used extensively – the purchase of one is advised. **

The textbook used in this course is an affordable student workbook, available for purchase and consumable use or for use and return provided that the workbook comes back in new condition without writing.

Foundations of Math 12 is intended for students heading into post-secondary studies in programs that do not require the study of Calculus. Topics include:

- Relations and Functions
- Financial mathematics
- Logical Reasoning
- Exponential & Log Functions
- Combinatorics
- Probability
- Math Research Project
- Polynomial and Sinosusoidal Functions

CALCULUS 12 Course Code: MCALC12

Previous Course: Completion of Pre-Calculus 12 with a minimum average of 75%.

**Graphing calculators will be used extensively – the purchase of one is advised. **

Topics include:

- Functions
- Derivatives
- Graphs
- Integrals
- Limits

Successful candidates will be recommended to sit the AP Calculus AB exam in May.

CALCULUS 12 AND MATH 12 Course Codes: MCALC12SEM and MPREC12SEM

Previous Course: An A or B in Pre-Calculus 11

**Graphing calculators will be used extensively – the purchase of one is advised. **

These courses are for Grade 12 students who plan to take both Pre-Calculus 12 and Calculus 12. To allow for a better understanding of calculus, Pre-Calculus 12 will be taught in both blocks for the first five months. Upon completion of Pre-Calculus 12, Calculus 12 will be taught in both blocks for the remaining five months. Topics covered will be the same as for Pre-Calculus 12 and Calculus 12.

In general students will not be in a position to write the AP exam in May.

STATISTICS 12 Course Code: MSTAT12

This course is designed to provide students with both a theoretical and practical knowledge of statistical methods of data analysis and basic experimental design. It is specifically encouraged for any students interested in pursuing further studies in the natural sciences, social sciences (psychology, criminology, etc.), or economics. It can be taken by any student that has completed FMP 10. Many post-secondary programs require at least one Statistics course, so topics are drawn from a variety of disciplines. Topics covered include both descriptive statistics (central tendency, variability, correlation) and inferential statistics (hypothesis testing, confidence intervals, statistical significance). The course makes use of technology to explore statistical concepts and teaches strong communication with data analysis.

This course does not replace Pre-Calculus 12 course.

MODERN LANGUAGES

Department Head: Ms. Emily Kung

The aim of the Modern Languages Department is to provide students with the ability to: 1. Participate actively in reciprocal interactions in other languages 2. Deepen their understanding of other languages and value cultural diversity 3. Engage in meaningful conversation about things that are important to them 4. Explore their own cultural identity from a new perspective After students finish French 8, they are free to continue French and/or choose Spanish, Japanese or Mandarin depending on availability and registered priority (grade level).

PLEASE NOTE: Those students who already are advanced in a Modern Language must check with their teacher first, then their counsellor and the B.C. Ministry of Education website for external credits towards graduation and the possibility of doing a Language Challenge Exam at the grade 11 or 12 level. However, a language challenge exam mark cannot be used in calculating your grade point average for university entrance. As well, universities such as UBC will not allow early entrance admission to students who declare online courses as part of their GPA, so it is best to take a language at Churchill.

FRENCH 8 COURSE Code: MFR--08

French 8 is an introductory course to the French language. The course focuses on the building blocks of the French language such as the alphabet and French letter patterns. Students will move towards learning about the following topics: Presenting oneself to others; Weekend activities; Meals and Food; Free time and entertainment. Students will be using a workbook in French 8. In this course, activities will allow students to gain the basics of the French language through various learning strategies such as partner and groupwork. There will be a focus on exchanging ideas and information, sharing information, asking and responding to questions, and telling stories.

FRENCH 9 Course Code: MFR--09

This course further develops the basic skills presented in French 8. More sophisticated vocabulary and grammatical structures will be studied, including but not limited to the past tense of verbs. Topic discussed will include: Sports and Health; home life; clothing and accessories; and Travel. The course workbook used in French 8 will also be used in French 9. Students will be able to connect and engage with others and learn to be contributors with their peers. As well, they will also continue to develop analytical, critical and creative skills. There will also be a focus on francophone culture, stories, history, geography, and First Nations stories.

FRENCH 10 Course Code: MFR--10

In French 10, connecting and engaging with others is done with storytelling, filmmaking, interior decorating and job searching. Oral and written achievement are important; however, the students will be encouraged to gain better critical thinking and analytical competencies. Students will continue to work to improve their pronunciation and by the end of the year a successful student should be able to talk about several everyday topics and use the more important tenses in conversation. Oral presentations will be required. (To go into IB, communication and writing abilities should both be adequately present). NOTE: Purchase of the course workbooks is highly recommended and will be used in French 11.

FRENCH 11 Course Code: MFR--11

With the topics of “Who am I?” leisure and arts, weekend activities and cuisine, development will be continued in all areas (speaking, listening, reading, writing) with more detailed work in vocabulary and grammar. Skill in oral Sir Winston Churchill Secondary School 2020/2021 Course Outline Book Page 41 comprehension and expression, written composition, and understanding of reading material will also be expanded. Oral presentations will be made during the year and compositions will be required from time to time. This course is necessary for those continuing on in French for University Arts and Political Sciences Programs, Scholarship or other purposes. Reminder that universities will not accept online courses as part of GPA calculation for early acceptance.

FRENCH 12 Course Code: MFR--12

Exploring the themes of crime, news, travel and art, in this course students are expected to further develop their listening and speaking competencies and written production. They will analyze critique, develop and design ideas in response to francophone world, and indigenous literature. Again, for those wishing to pursue studies in post-secondary Arts or in Politics, this course is helpful for language credit. Reminder that universities will not accept online courses as part of GPA calculation for early acceptance.

INTRODUCTORY SPANISH 11 Course Code: MBSP-11

Not open to students in grades 8-9

PLEASE NOTE that this course is open only to students who will be in grades 10, 11 and 12 during the next school year. No prior knowledge of Spanish is required; however this is an intensive course that demands a high degree of student commitment and involvement. Students will learn to communicate in every-day, practical situations with a focus on the four language-learning skills of speaking, listening, reading, and writing. Students will engage in simple conversations about topics related to getting to know one another, life in the city, eating at a restaurant, the home and neighbourhood, shopping, going to school, and vacation plans. Students will learn about the history, geography, customs, and celebrations of the various Hispanic countries (including *The Day of the Dead* and *Cinco de mayo* holidays). We will discuss the history of the Indigenous peoples prior to and post contact with the Spanish and in particular, the influence of the Aztec, Mayan, and Inca cultures on modern-day life.

SPANISH 11 Course Code: MSP--11

PLEASE NOTE that this course requires prior completion of *Introductory Spanish 11* as a pre-requisite. This is a second-year course; it is not a beginner's course. Students will expand their knowledge of the Spanish language and will be able to use more sophisticated vocabulary and grammatical structures, including the future and conditional verb tenses. They will be able to express ideas and give opinions on topics related to travel, the environment and outdoor adventure, technology, childhood experiences, and cuisine. The political history of Argentina, the tango dance, and city/rural life will be discussed. Students will deepen their appreciation of Hispanic culture, with a particular focus on Spain, Mexico, Costa Rica, the Dominican Republic, New York City, and Argentina. Students will become more familiar with the history of the European and the Indigenous populations of the Spanish-speaking countries.

SPANISH 12 Course Code: MSP--12

This is a third-year Spanish course for students who have successfully completed both *Introductory Spanish 11* and regular *Spanish 11*. Students' language skills will be solidified, particularly in the study of advanced grammar and composition. This course offers increased general competence in the Spanish language, along with an appreciation of Spanish literature through the study of selected works of recognized Spanish and Latin American authors. *Don Quijote de la Mancha* by the renowned Spanish writer Cervantes may be studied. Students will be prepared to confidently study Spanish at the post-secondary level.

INTRODUCTORY JAPANESE 11 Course Code: MBJA--11

Not open to students in grade 8 or 9

This course is for students who are learning Japanese for the first time. Students will begin to acquire this new language by listening, reading and viewing stories. By the end of the year, students will be able to recognize the relationships between Japanese characters and sounds for hiragana and katakana. They will know common, high frequency vocabulary, including greetings, descriptions of people, objects, and locations, types of questions, and simple instructions. They will know elements of common texts and stories. They will be able to write their own short stories. As students of Japanese, members of this class are encouraged to be involved in the school-wide sister school exchange program, where the buddy day, homestay volunteering, and the trip to visit our sister school in Yokohama provide a variety of ways to engage in experiences with Japanese people and communities.

JAPANESE 11 Course Code: MJA--11

In this second-year course, students will express themselves with growing fluency. Students will be able to recognize over 150 kanji. Students will recognize degrees of formality in speech and writing to reflect different purposes, such as writing an informal note to a family member vs. filling out an application for a part time job. They will know past, present and future time frames. They will learn how to add detail to their own writing with particles and cohesive devices. Expressing ideas in complex sentences will be possible at this stage. Themes covered include Identities, Experiences, Human Ingenuity, Social Organization and Sharing the Planet. Cultural aspects such as traditional food and clothing may be introduced and students will analyze different cultural points of view through texts.

JAPANESE 12 Course Code: MJA--12

Students in this third and final year of Japanese often have a strong interest in Japanese culture and wish to pursue language learning further. Such students recognize that language learning is a lifelong process. In Japanese 12, students will continue with the five themes introduced in Japanese 11 by exploring different text types, such as blogs, email messages, letters, and web pages. Topics within the five themes may include Physical Health, Transportation, Vacation and Travel, and Global Issues. Students will be able to respond personally to these topics using explanation and justification of opinions. Students will learn structures to communicate feelings, needs, and beliefs. They will explore diverse forms of cultural expression and develop understanding and appreciation of different cultures. Students will increase their range of vocabulary and kanji as well as gain more confidence in using increasingly complex sentence structures.

PHYSICAL EDUCATION

Department Head: Mr. Greg Pears

PHYSICAL AND HEALTH EDUCATION 9 AND 10 - PHE is a required course for all Grade 9 and 10 students.

Course Codes: MPHE-09, MPHE10

The curriculum emphasis is on personal health goals, fitness concepts and skill acquisition through individual, dual and team sports. The courses are designed to be progressively more demanding of students' abilities in motor performance, knowledge and social development. The graduating PE 10 students should have lifetime skills that enable him or her to make responsible, personal health decisions and be wise consumer of community services. Field trips to use community facilities may be offered. There will also be an added focus on self evaluation and reflection on the core competencies of communication as well as personal and social responsibility. The course will touch on substance abuse, sexual education and mental health issues.

Activities the mandatory years of PE have to offer will include:

GRADE 9

Soccer	Gymnastics	Basketball
Weight Training	Table Tennis	Volleyball
Fitness	Football	
Dance	Badminton	

GRADE 10

Tennis	Volleyball	Archery	Lacrosse
Table Tennis	Golf	Team Handball	Rugby
Ultimate	Weight Training	Fitness	First Aid

PHYSICAL EDUCATION 9 LEADERSHIP Course Code: MPHE-09ENR

PE 9 leadership is a course for students who wish to develop their leadership skills both in school and in the greater community. While the courses curriculum is similar to that of PE 9, there will be an added focus on developing students' character, increasing social awareness, and engaging in community service. This course introduces the decision-making and communication strategies that will be further developed in PE 10 leadership.

PHYSICAL EDUCATION 10 LEADERSHIP Course Code: MPHE10ENR

PE 10 leadership is a course for students who wish to develop their leadership skills both in school and in the greater community. While the courses curriculum is similar to that of PE 10, there will be an added focus on developing students' character, increasing social awareness, and engaging in community service. This course introduces the decision-making and communication strategies that will be further developed in PE 11/12 leadership.

SENIOR LEVEL PHYSICAL HEALTH EDUCATION OPTIONS

- Please note that all Senior PHE courses do not include Fitness evaluations and do not require Churchill PE strip only appropriate activewear and footwear.

ACTIVE LIVING 11 AND 12 (GAMES AND SPORTS) Course Codes: MACLV11, MACLV12

PE 11 and PE 12 are coeducational electives courses intend to continue the development of a student's personal responsibility for his/her own health. The curriculum requires that student's complete units on skill development, are exposed to a variety of lifetime leisure-oriented activities, develop leadership skills, and can be certified in areas of first-aid, sports medicine, or leadership. The curriculum requires that students participate actively in a variety of team and individual sports in order to develop and demonstrate skills, fitness and leadership. The course may include field trips that utilize community facilities to introduce a diversity of leisure-oriented activities.

ACTIVE LIVING 11 AND 12 (BADMINTON GAMES AND SPORTS - OFF TIMETABLE)

Course Code: MACLV11OFF, MACLV12OFF

PE 11 and PE 12 are coeducational electives courses intend to continue the development of a student's personal responsibility for his/her own health. The curriculum requires that student's complete units on skill development, are exposed to a variety of lifetime leisure-oriented activities, develop leadership skills, and can be certified in areas of first-aid, sports medicine, or leadership. The curriculum requires that students participate actively in a variety of team and individual sports in order to develop and demonstrate skills, fitness and leadership. The course will have a major focus on the activity of badminton and other racquet sports. The course may include field trips that utilize community facilities to introduce a diversity of leisure-oriented activities.

ACTIVE LIVING 11 AND 12 (LIFESTYLES LOW IMPACT) Course Codes: MACLV11SC2, MACLV12SC2

PHE 11 (LIFESTYLES LOW IMPACT) and PHE 12 (LIFESTYLES LOW IMPACT) are elective courses intended to continue the development of a student's personal responsibility for their health. The course is focused on a less competitive model where students who have felt intimidated in past courses can engage in a more recreational play with friends. Options of low impacts activities such as yoga and stretching will be offered as well as a focus more on cooperation and less on competition.

ACTIVE LIVING 11 AND 12 (VOLLEYBALL OFF TIMETABLE) Course Codes: MACLV11SC3, MACLV12SC3

PHE 11 (Volleyball off timetable) and PHE12 (Volleyball off timetable) are co-educational elective courses intended to continue the development of a student's personal responsibility for their health. The course provides skill-based and strategic lessons where student can learn to appreciate the game. Students will improve their skills, fitness, and play volleyball games. The goal is to build confidence and skills while learning lessons of teamwork, positivity, and communication.

ACTIVE LIVING 11 AND 12 (BASKETBALL) Course Codes: MACLV11SC1, MACLV12SC1

PE 11 (Basketball) and PE 12 (Basketball) are co-educational elective courses intended to continue the development of a student's personal responsibility for his/her health. The course will cover all the intended learning outcomes of regular PE 11/12 but curriculum will concentrate on basketball. In addition to developing skill in basketball; the course will cover fitness, nutrition, leadership and lifestyle in order to maximize the students actively.

FITNESS & CONDITIONING 11 AND 12 Course Code: MFTCD11, MFTCD12

Fitness 11 and Fitness 12 have been created to provide students with knowledge to design and implement both a muscular and aerobic fitness program specific to their needs. Furthermore, students will gain an understanding of the value of physical fitness as an integral part of health and wellness. A variety of methods and equipment will be used in the course including but not limited to; fitness machines, free weights, stability balls, medicine balls, ladders, reaction balls, and bosu balls. In addition to actual physical training the course will discuss health related topics such as nutrition and healthy lifestyle.

SCIENCE

Department Head: Ms. Karla Smedley

In Science 9 and 10, students investigate topics through experimentation and hands-on activities. Emphasis is placed on the nature of science (the scientific method, how scientific knowledge is generated, etc.), placed-based knowledge (including aboriginal perspectives), conceptual and procedural knowledge, habits of mind and scientific literacy. The program consists of **core competencies**, **curricular competencies**, and **big ideas**. **Big ideas** are themes that encompass and connect more specific **content** and optional **elaborations**.

Core competencies are: sets of intellectual, personal, and social and emotional proficiencies that all students need to develop in order to engage in meaningful life-long learning. Critical thinking is a fundamental aspect of the nature of science.

Curricular competencies are: subject specific skills developed through student work in the laboratory and classroom. They include: questioning and predicting, planning and conducting, processing and analyzing data and information, evaluating, applying and innovating, communicating.

SCIENCE 9 Course Code: MSC--09

Big ideas are:

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

SCIENCE 10 Course Code: MSC--10

Big ideas are:

1. Genes are the foundation for the diversity of living things.
2. Chemical processes require energy change as atoms are rearranged.
3. Energy is conserved and its transformation can affect living things and the environment.
4. The formation of the universe can be explained by the big bang theory.

SCIENCE FOR CITIZENS 11 Course Code: MSCCT11

This course is an acceptable Science 11 graduation course. It emphasizes the application of science to everyday life. This is a brief synopsis of how the course is structured:

- There will be no homework, all assessments and assignments will be completed and worked on during class time. All sheets and notes will be kept in a folder in the classroom, or for remote classes, work will be posted online.
- There will be no large unit tests, but there will be a short quiz everyday based on the material/work they did the previous class. There will also be labs, projects and other assignments.
- At the end of each term, we will use their top ten quiz scores as part of their term mark. For this reason, there will be no re-quizzes or quiz make-ups if they miss a class.
- So, the privileges are no homework, unless there are remote classes, and no large tests, but the responsibilities are attending each class and completing work during class time.
- The main topics we will cover are Science as it relates to Food, Health and Career.

LIFE SCIENCES 11 Course Code: MLFSC11

A course with great focus on application of concepts in realistic scenarios related to organisms. Considerable emphasis is also placed on the relationships that exist between living things, their environments and the evolutionary process. This course includes the development of skills such as comparing and contrasting, analyzing evidence, and constructing models, which will be extremely useful in Anatomy and Physiology 12. The main topics for this course are:

1. Characteristics of living things, including cell structures, asexual and sexual reproduction, biochemistry (cellular respiration and photosynthesis)
2. Process of evolution
3. Taxonomy (classification) including microbiology (viruses, bacteria and protists), mycology (fungi), plant and animal biology.

A wide variety of lab activities including microscopy and dissections of various plants and animals are integral components of Life Sciences 11.

CHEMISTRY 11 Course Code: MCH--11

Chemistry 11 is the first formal course in Chemistry. It consists of classroom lessons, laboratory activities, practicing lab safety, and some classroom demonstrations. The course content covers measurement, matter and its changes, atoms/molecules/ions, nomenclature, the mole concept, types of reactions, stoichiometry, atomic theory, the periodic table, bonding, solutions and organic chemistry. The student must be able to read and follow a lab procedure from a lab manual. Mathematical calculations are required for the course content. The course will mainly focus on developing the core competency of critical thinking along with some aspects of creative thinking.

PHYSICS 11 Course Code: MPH--11

Physics 11 is a laboratory-based course intended as an introduction to physics and provide insight into its scope, nature, relevance and limitations so that students have a better understanding of the world around them. Topics of study include:

- | | |
|-------------------------|----------------------|
| 1. Kinematics (2D) | 4. Thermal Physics |
| 2. Dynamics (2D) | 5. Electric Currents |
| 3. Work, Energy & Power | 6. Waves |

ANATOMY AND PHYSIOLOGY 12 Course Code: MATPH12

Anatomy and Physiology 12 focuses on the interrelationships between components of the human body systems to maintain a state of homeostasis using cellular compounds and biological molecules. This course places significant emphasis on detailed biological processes and comprehensive application of concepts in preparation for post-secondary biology studies. Students will engage in a variety of laboratory activities ranging from microscopy to dissection. The three main components of the course are:

1. Homeostasis and its maintenance through physiological processes
2. DNA and Cells
3. Human organization, including how human anatomy is adapted to its many functions

The development of skills and conceptual application presented in Life Sciences 11 serve as key foundations for students considering taking Anatomy and Physiology 12.

CHEMISTRY 12 Course Code: MCH--12

This course is designed for students who wish to take Chemistry at the university level. It consists of classroom lessons, laboratory activities, practicing lab safety, and some classroom demonstrations. Mathematical calculations are required for the course content and are more rigorous than that encountered in Chemistry 11. Students will learn why certain reactions take place rapidly and others slowly; why some reactions proceed to completion and others do not; why some compounds dissolve in water and to what extent; and many different aspects of acids and bases. Oxidation-reduction reactions are also examined and applied to electrochemical and electrolytic cells. The course will mainly focus on developing the core competency of critical thinking along with some aspects of creative thinking.

PHYSICS 12 Course Code: MPH--12

Physics 12 is a laboratory-based course designed for students with an interest in laboratory work, a high analytical ability and well-developed problem-solving skills. Students will learn to solve physics problems in two dimensions and apply them to lab projects throughout the course. Topics of study include:

- | | |
|------------------------------------|-----------------------|
| 1. Momentum and Energy | 4. Electromagnetism |
| 2. Circular Motion and Gravitation | 5. Equilibrium |
| 3. Electrostatics | 6. Special Relativity |

SOCIAL STUDIES

Department Head: Ms. Helen Sinclair

The high school graduation requirements for Social Studies include Social Studies 9, Social Studies 10, and a minimum of 1 Senior Social Studies 12 elective. There is a focus on geographic thinking and historical thinking skills in all Social Studies courses. Current events are studied throughout the grades. Each course will stress a variety of teaching methods and include lectures, seminars, student presentations, discussions, and guest speakers. Audio-visual support materials such as films, podcasts, photographs and videos are also used. The department offers the following electives: 20th Century World History 12, BC First Peoples 12, Comparative Cultures 12, Human Geography 12, Law Studies 12, Philosophy 12, and Social Justice 12.

SOCIAL STUDIES 9 Course Code: MSS--09

In this course, we will explore the idea of continuity and change. We will be focusing on events in Canada and around the world spanning from 1750 to 1919. Our Canadian themes include colonization, exploitation and nation building. Our international theme is centered around revolutions – social, political, economic and technological. Students will explore these themes with the help of a variety of multimodal texts. In addition to building on content knowledge, students will have many opportunities to practice their critical thinking and communication skills. Students will also develop research skills that will be critical to their success in future humanities courses. Current events and field trips will be incorporated depending on course relevance.

SOCIAL STUDIES 10 Course Code: MSS--10

Social Studies 10 aims to develop students' critical and historical thinking skills through an examination of systems of government, environmental and economic challenges and 20th century Canadian history. Themes and topics studied may include but are not limited to regional and international conflicts, historical and contemporary injustices, Canadian identity/ies, and global population and poverty. Throughout our study, students will develop their ability to read, write, and think effectively within the various disciplines within Social Studies in order to provide a foundation for further study and life in Canadian Society. In addition, current events and field trips will be incorporated depending on course relevance.

SENIOR SOCIAL STUDIES ELECTIVES:

The following courses are available to ALL grade 11 and 12 students.

20th CENTURY WORLD HISTORY 12 Course Code: MWH--12

History 12 is an elective course in which components of the course provide an overview of modern 20th century history and contemporary world issues from an international perspective. Using project based - historical inquiry students will reflect on the major events, concerns and development during this time period.

Selected topics may include: The Paris Peace Conferences, USSR, Interwar Period, World War II, Cold War, Civil Wars, Independence Movements, Revolutions, Human Rights and 21st Century Global Issues.

BC FIRST PEOPLES 12 Course Code: MBCFP12

(This course also fulfils the Indigenous-focused course graduation requirement.)

BC First Peoples highlights issues facing First Nations people provincially, nationally, and internationally. Focus will be placed on connection to the land and the role it plays in defining culture. Other areas of learning will include oral tradition, cultural exchange with Indigenous and non-Indigenous groups, colonialism, residential schools, government policy towards First Peoples, stereotypes, resistance, self-government, and current issues facing Indigenous groups. Student learning will rely heavily on technology, self-guided inquiry / Universal Design, guest presenters, field study, and First Peoples ways of learning.

COMPARATIVE CULTURES 12 Course Code: MCMCL12

This course fosters awareness and appreciation for a variety of cultures and the accomplishments of humankind by examining interrelationships among beliefs, institutions, art, architecture, conflict, social organization, technology, trade, and ways of living of people in a specific time and place. Areas and cultures to be explored may include the Origins of Humans, Mesopotamia and Ancient Egypt, Mesoamerican Cultures, Ancient China, Ancient India, Feudal Japan, Imperial Rome, the Renaissance, Ancient Greece, and Indigenous Cultures of Canada. Coursework involves articles, films, case studies, individual and group work, a presentation, frequent discussion, and consistent use of Social Studies inquiry and research skills.

HUMAN GEOGRAPHY 12 Course Code: MHGEO12

Human geography is the study of how human societies have developed and operated in relation to their physical environment. Human activities alter landscapes in a variety of ways. Themes and topics studied may include but are not limited to demography, industrialization, geo-political organization, urbanization, climate change, and sustainability. Students will develop and use geographic inquiry processes and skills to better understand our globally connected world. In addition, current events and field trips will be incorporated depending on course relevance.

LAW STUDIES 12 Course Code: MLST-12

This survey course is focused on Canadian law. Topics of study may include but are not limited to the following: legal philosophy, legal history, the English common law tradition, international law, comparative law, constitutional law, First Nations treaty rights and First Nations jurisprudence, human rights laws, traditional Indigenous legal systems, criminal law, civil law (including torts and contract), and family law. Students will participate in a mock trial project, learn how to make good oral arguments through mooting when presented with legal problems, participate in court watching field trips to BC Provincial Court and/or BC Supreme Court (when possible), and learn how legal principles are applied by the courts through reading case law and writing briefs.

PHILOSOPHY 12 Course Code:

Philosophy is an exploration of questions for which we have no definitive answer; but using the tools of logic and reason, you will learn how to construct convincing arguments in attempts to form a response. We will cover methods of reasoning and argumentation, metaphysical theories about the nature of reality, epistemological theories about knowledge and truth, social and political philosophy, and theories of morality, ethics, and aesthetics (what is beauty?). Philosophy means “love of wisdom.” In this course, you will gain skills to investigate meaning and foster understanding of different ways of thinking. You will be guided in questioning your assumptions and examining your own beliefs in an effort to meet the age-old challenge to “Know Thyself”.

SOCIAL JUSTICE 12 Course Code: MSJ--12

Social Justice 12 aims to develop students' understanding conceptions of justice in society, with key focus being made of illuminating the inter-connected complex nature of justice issues. Themes and topics studied may include but are not limited to historical and contemporary injustices in Canada and the global world, individual-society relations, intersectional identity, and action-oriented approaches to combating injustice in society. Throughout our study, students will develop and apply historical thinking concepts to better understand and act in a just manner as a Canadian citizen.

TECH EDUCATION

Department Head: Ms. Leanne Tycho

Leaving school job ready is a bonus, some of the courses taught in Tech Ed will do that for you. We have courses that link directly to Early entry post-secondary programs and BCIT and VCC. Our Digital Media and Drafting courses will give you program ready skills for programs at Emily Carr, UBC, BCIT, Langara and other schools.

Applied Design Skills and Technology represents a wide variety of courses from:

- Jewelry to Electronics,
- Media Art and Design to Engineering,
- Woodworking to Metalworking,
- Drafting to Robotics
- Everything in-between.

These courses allow you to explore in a HANDS-ON learning environment and gain important skills to enrich your learning in all areas of education. The aim of ADST is for all students to develop technological skills to prepare them for the everchanging world. To achieve this goal, you will learn how to design and create solutions to real world problems while you work safely with tools, machinery and equipment. ADST has become an essential component of every student's comprehensive education.

TECHNOLOGY

TECHNOLOGY 9 (ADST – TECH ED GENERAL EXPLORATIONS 9) Course Code: MADGE09

Technology 9 is a HANDS-ON *Project Based* exploration of the many areas in Tech Ed. You will use TOOLS, MACHINES with the DESIGN PROCESS to complete specially designed challenges.

These challenges will require skills in:

- ⊗ Engineering,
- ⊗ Woodworking,
- ⊗ Metalworking,
- ⊗ Drafting,
- ⊗ Electronic Systems,
- ⊗ Media Design.

You will design and build a variety of interesting projects, specific to the teacher who is directing the learning.

ENGINEERING 10: TECHNOLOGY EXPLORATIONS 10 Course Code: MTEXP10

Engineering 10 is a further HANDS-ON *Project Based* exploration of Tech. Ed. You will use various TOOLS, MACHINES as well as the Design Process to complete specially designed challenges.

These challenges will require skills in:

- ⊗ Engineering,
- ⊗ Woodworking,
- ⊗ Metalworking,
- ⊗ Electronic Systems,
- ⊗ Media Design,
- ⊗ Digital Photography

These challenges will require you to use your skills you already have and learn new ones. If you are planning to go into **ENGINEERING 11**, this course will be an asset.

ENGINEERING

Engineering is a 2-year program that uses *HANDS-ON* projects to introduce first-year **university** Engineering principles. This year, you learn the Engineering properties of Fluids: Air, Water and Soil Precocity. Next year you will learn about the Engineering properties of Structural Materials: Steel, Aluminum, Wood, and Concrete. You do not have to take both years as they are each self-contained. This course combines hands-on projects with lessons that encourage student success.

ENGINEERING 11/12 Course Code: MENR-11/MENR-12

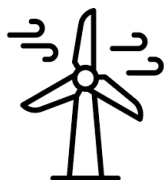
In this **Hands-On - Projects Based** course, you will be introduced to the various fluids used, tested, and explored by Engineers.

This year in Engineering, we will explore how engineers use, quantify and control fluids like air and water.

- Working hands-on designing and building.
- Learning how to use many machines and measuring devices
- Understand Open Channel Flow.
- Learn mechanical drafting with AutoCAD/FUSION 360



This year you will use the Design Process to design, build and test:



- ⊗ Design and test your airfoil design in our Wind tunnel
- ⊗ Design and build a Wind Turbine that creates electricity
- ⊗ Understand how the forces in water are calculated to design a water system

We plan to tour:

- ⊗ Metro Vancouver Water Treatment Plant at Mount Seymour

ANNUAL PRODUCTION

ANNUAL (YEARBOOK) PRODUCTION 10/11/12 Course Code: YCCT-0C/YCCT-1C/YCCT-2C

Yearbook is a hands-on course where the students and teacher work closely together to produce Churchill Secondary's annual. Students will be given challenging real-world projects and assignments typical of the graphic design and publishing industries. High-quality work is expected, and students will be given opportunities to revise work until it meets the standards specified during instruction. Classroom activities will include reading, research, projects, and problem-solving. Students will often work in teams but will be expected to complete individual assignments in relation to the team's work.

Course Content

- Create and publish Churchill's annual yearbook
- Introduction to the DSLR
- Theory of Photography
- Introduction to Journalism
- Working with the Adobe Suite
- Introduction to Layout Design
- Photo Editing
- Elements and Principles of Art and Design
- Vocabulary to describe and critique projects
- Essential skills for teamwork
- Participating in all things Churchill
- *Students who have taken Digital Photography, Graphics, Info Tech and Yearbook will be given first priority.

MEDIA ART AND DESIGN



MEDIA DESIGN 10 Course Code: **MMEDD10** *Open to students in Gr 9*

This course is an introduction to all aspects of Digital Art and Design. Using Adobe Suite as a platform, students will create dynamic digital portfolios. Through engaging and personalized projects, build fundamental skills with software such as, Adobe Photoshop, Illustrator and Indesign.

The Adobe Suite is the industry standard software in Graphic Design careers. Knowledge learned in this course is directly applicable to those students interested in pursuing careers in the computer arts and design areas.

Course content includes:

- Image Manipulation (Photoshop)
- Digital Illustration and Painting (Illustrator)
- Digital Animation (Photoshop)
- T-Shirt Design and Creation (Illustrator, Cut Studio)
- Button Making (Indesign)
- Magazine Page Design (Indesign)
- Digital Photography (Lightroom)
- Communication Design (Adobe Suite)
- Web Design (Dream Weaver)

MEDIA DESIGN 11 Course Code: MMEDD11

Students will receive training in software and peripherals with which professional digital artists and designers must be familiar: Adobe Photoshop, Adobe Illustrator, and Adobe InDesign. Students will learn the design process, which can be applied in any field of post-secondary study. Any student considering an art and design career will find this course extremely valuable.

Software used in this course includes Adobe Photoshop, Illustrator, Indesign, Lightroom, Animate, and web design software.

MEDIA DESIGN 12 Course Code: MMEDD12

This course will provide students direction and assistance in creating well-rounded, dynamic portfolios. This course is strongly recommended for students applying for post-secondary institutions, or careers in Digital Art and Design. Students will have the ability to create clothing designs using the vinyl cutter and heat press process.

The Adobe suite is the industry standard software in Graphic Design careers. Knowledge learned in this course is directly applicable to students interested in pursuing careers in the computer arts and design areas.

Software used in this course: Adobe Photoshop, Illustrator, Indesign, Lightroom, Animate, and web design software.

WEBPAGE DESIGN 11, 12 Course Code: YCAIS11A/YCAIC2G



Learn to design and produce interactive, user-friendly media projects, responsive websites, integrated social media campaigns, and visually appealing stories and dynamic, rich multi-media content with Media Arts Web Design.

Media Arts Web Design provides you with applied skills in the following key areas, instrumental for success in this fast-growing field:

- Web design
- Information architecture
- User interface design and user experience
- Graphic design and branding
- Interactive media solutions
- Web marketing and social media integration
- New media communications and storytelling

DRAFTING & DESIGN

A Project-Based course designed to encourage comprehensive learning. You will learn the latest AutoCAD version to complete a series of building assignments and many of your designs. Most projects have a component of individuality. You will explore careers within the realm of Drafting and Design and have post-Secondary ready skills in Architecture, Design or Engineering for **UBC, BCIT, Langara, Kwantlen** and more.

DRAFTING & DESIGN 10 Course Code: MTDRF10

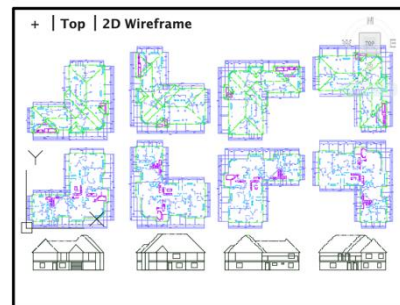
Drafting and Design 10 is designed to introduce you to DRAFTING AND DESIGN. If you have the desire to draw and design spaces, houses, and landscapes, this is the course for you. You will be using the top industry standard programs to bring your imagination come to life. You will receive a FREE copy of AutoCAD for home use.

Topics include:

- ⊗ Drafting Fundamentals
- ⊗ Design method
- ⊗ 2D and 3D drawing skills
- ⊗ AutoCAD
- ⊗ Model Making to Scale

A strong design component is also included, providing you with:

- ⊗ Model and Prototype construction experience
- ⊗ Design Portfolio Projects



DRAFTING & DESIGN 11 Course Code: MTDRF11

Drafting and Design 11 is designed to further develop your drafting and design skills. Using AutoCAD, you will learn further develop your knowledge of this industry-standard program. You will have FREE access to the Autodesk suite for home use.



Architectural:

- ⊗ Building structure
- ⊗ Complex Design
- ⊗ Wire and Solid Frame design
- ⊗ Create 3D views of houses

Engineering:

- ⊗ Understanding Engineered drawings
- ⊗ Creating 2D and 3D Engineered drawings.
- ⊗ Introduced to FUSION 360



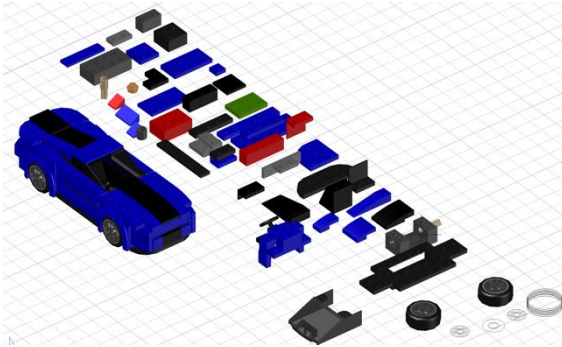
Evaluation is ongoing throughout the year and based on drafting and design assignments.

DRAFTING & DESIGN 12 Course Code: MTDRF12

Drafting and Design 12 is an advanced course. This program is aimed at, but not limited to, the experienced student who has had a previous drafting course and want to refine and expand your Design and AutoCAD skill. You will receive a FREE copy of AutoCAD for home use.

Architectural:

- ⊗ Building structure
- ⊗ Complex exteriors Design
- ⊗ Wire and Solid Frame design
- ⊗ Create 3D houses on landscapes



Engineering:

- ⊗ Understanding Engineered drawing
- ⊗ Creating 2D and 3D Engineered drawings.
- ⊗ Design your own digital LEGO car
- ⊗ FUSION 360

Students may also consult with the teacher to arrange for a special program in a field related to drafting. This must be done early in the year. Assessment is an ongoing process based on completed projects. You will have post-Secondary ready skills in Architecture, Design or Engineering for UBC, BCIT, Langara, Kwantlen and more.

ELECTRONICS AND ROBOTICS

ELECTRONICS (& ROBOTICS) 9 & 10 Course Code: MADER09 & MTEAR10

Establish a solid foundation in electronics.

- Theoretical and practical engineering and science skills
- Measure resistance and voltage values
- Breadboard a circuit.
- Solder and test circuits
- Power tools
- Safely skills

ELECTRONICS 11 Course Code: MTELE11

Investigate electronics in greater depth

- Theoretical and practical engineering and science skills
- Measure resistance and voltage values
- Breadboard a circuit.
- Solder and test circuits
- Power tools

ELECTRONICS 12 Course Code: MTELE12

Advance your knowledge of electronics.

- Theoretical and practical engineering and science skills
- Measure resistance and voltage values
- Breadboard a circuit.
- Solder and test circuits
- Power tools

METALWORK



Metalwork is a series of courses designed to develop hand skills and understand the safe operation of various machines and tools. You will complete a progression of projects to deepen your knowledge and confidence. Students who are interested in a Career in Trades are connected with a special VSB career counsellor and have the opportunity to enter into a Post-Secondary program early or with a reserved seat.

METAL WORKING 9 & 10 Course Code: MADM-09SC1 and MTMET10

This year you will use these MACHINES AND TOOLS to make all of your projects:

- ⊗ Metal Lathe
- ⊗ Plasma Cutter
- ⊗ Drill press
- ⊗ Horizontal bandsaw



- ⊗ Milling Machine
- ⊗ Sand Blasting
- ⊗ MIG Welding
- ⊗ Oxygen and Acetylene welding/brazing

You will learn how to safely and correctly use all the machines and tools through a variety of projects, such as the Balancing Surfer, The Copper Rose, the Basketball Hoop. These projects are open to each student's individual artistic expression.

METALWORK 11 Course Code: MTMET11

There are 2 required projects to which you can modify the designs to meet your personal artistic style. . These projects will develop your MIG Welding, Milling and Lathe skills.

- ⊗ The Brass and Aluminum Cannon
- ⊗ Steel Box

Your INDEPENDENT project is of your own design. You will combine various machining skills previously learned to build your project.

- Medieval Armoury – Shields, Helmets, Gauntlets and Chainmaille
- Furniture
- Sculptures

Career Paths through Post-Secondary and School Boards Trades [Career Programs](#) will be introduced. Early program entry into BCIT and VCC is available.

METALWORK 12

Course Code: MTMET12



For students wanting to challenge and build their metalwork and design fabrication skills. 1 required project, then you will explore aspects of metal design to create large-scale projects such as furniture, chairs, shelves, sculpture, or several smaller projects. TIG welding is introduced.

Assistance with portfolios, ACE-IT and Youth TRAIN in Trades programs for early acceptance into post-secondary programs at BCIT and VCC is available.

JEWELRY

Do you want to be a surgeon or a dentist? Did you know that metalsmithing skills are very similar to the techniques used in these professions? Making this the perfect training ground for those highly competitive careers. Learn the art of working with small tools and materials. Start building confidence in your hand-to-eye dexterity right now, and the transferability of these skills will put you miles ahead of the competition later.



JEWELRY 9 (METALWORK) & JEWELRY ART & DESIGN 10 Course Code: MADM-09-JL, YIA--0A

Jewellery/Art metal is a yearlong course that combines both artistic and technical knowledge. Students will be able to individualize each assignment to create original wearable jewellery art pieces. Activities/projects/topics may include a variety of jewellery making techniques including:

- Introduction to hand tools for wire working techniques
- Wire wrapping with polished stone/beads/bracelets, necklaces
- Chain making, chain mail
- Introduction to tools for cutting and fabrication of metal items
- Silversmith techniques for making rings, pendants, earrings, bracelets
- Annealing and soldering
- Various texture making techniques and rolling mill
- Traditional peyote stitch

Supplementary fees may apply for the extra/extraneous material: silver is not included.

Open to grade 9 and 10 students.

JEWELRY 11 Course Code: YIA--1A

Jewelry 11 is a yearlong project-based course that combines both artistic and technical knowledge. Students will be able to individualize each assignment to create original art pieces. Activities/projects/topics may be introductory or built on previous learning, continuing the use of jewelry making tools and techniques. These topics may include a variety of jewellery making techniques including:

- Introduction to tools for cutting and fabrication of plate metal items
- Silversmith of rings, pendants, earrings, bracelets
- Annealing and soldering
- Various texture making techniques and Rolling Mill
- Bezel Stone Setting

WOODWORK

ADST - WOODWORK 9 Course Code: MADW-09

This is an introductory course where you can develop hand and machine skills in Woodworking. This course will place an emphasis on fun, safety and quality. Woodwork offers opportunities to learn lifelong skills while making several interesting and worthwhile projects.

- Introduction to hand and machine tools
- Introduction to sketching and drawings with dimensions
- Layout of project materials
- Finish sanding techniques
- Assembly of multi-part projects
- Choosing and applying a finish coating
- Custom design for self or others
- Artistic branding

ADST - WOODWORK 10 Course Code: MWWK-10

In this class, students are introduced to the finer points of hand tool and machine tool processes. Safety will be a strong focus. Students will be expected to Design and Build their own small projects provided they fit within the objectives and constraints of the course. Woodwork 10 offers an opportunity to develop valuable skills that will last a lifetime and provide a solid foundation for further studies in ADST.

- Further learning with hand and machine tools
- Sketching and drawings with dimensions
- Layout of project materials
- Finish sanding techniques
- Assembly of multi-part projects
- Choosing and applying a finish coating
- Custom design for self or others
- Artistic branding

WOODWORKING 11 Course Code: MWWK-11

A further exploration into design and crafting of woodwork projects, building on the skills and methods used in Woodwork 10. The focus will be on designing for self or others, finding solutions to design problems and meeting the design needs of others and self. Exploration of different finishing types. Students will be expected to make a project of their own choosing. Careers in Woodworking and Carpentry will be explored as well as connections to Post-Secondary Institutions and VSB programs in this field.

- Advanced Teacher Led Project
- Introduction to Choosing a project
- Advanced Finishings and Fasteners
- Assembly of multi-part projects
- Choosing and applying a finish coating
- Lathe Turning

WOODWORKING 12 Course Code: MWWK-12

A senior course for the motivated student. This course will build on fundamental skills learned in previous woodwork courses. Projects will be designed by the student with the teacher's approval. Students in this course should have taken interest in the finer points of woodworking. A student can focus on a certain aspect of Carpentry and Joinery and with teacher approval, delve deeply into a related area of interest. Careers in Woodworking and Carpentry will be explored as well as connections to Post-Secondary Institutions and VSB programs in this field.

- Student Chosen and Designed Project
- Sketching and drawing with dimensions
- Material Layout
- Tool sharpening
- Wood Species Identification
- Expanded Machine and Tool Use



[Career Programs](https://www.vsb.bc.ca/site/Career-Programs/programs/Program%20Offerings/Pages/default.aspx) for a list of programs, go to:
<https://www.vsb.bc.ca/site/Career-Programs/programs/Program%20Offerings/Pages/default.aspx>

WORK EXPERIENCE

Teacher Contact - Ms. Wanda Yee

This course is a two-year, off-timetable elective and does not interfere with regular course scheduling. Please speak with Ms. Yee in Room 317 if you would like more information about this course.

WORK EXPERIENCE PROGRAM Course Code: MWEX-2A

- Earn 4 credits toward high school graduation.
- *Students can sign up as early as the Spring of their **Grade 10 year ... see Ms. Yee in room 317;***
- Extensive in-school preparation and on-site work experience in a career area.
- For students who are interested in a particular career area and would like to explore the different career opportunities in that area.

Work Experience hours to be completed during Gr. 11 and Grade 12.

Options to complete the requisite Work Experience hours on weekends/evenings/break from school are widely available.

Benefits:

- Development of skills and knowledge in a particular interest area.
- Gain insight into the world of work and practical work experience.
- Explore post-secondary programs related to career interest.
- Receive references and possible part-time or full-time employment
- Receive advanced placement / preferred entry / early admittance into certain post-secondary programs.
- Work placements assisted by school and the Vancouver School Board Career Programs staff.