

2022 – 2023  
Grade 10 Course Calendar  
(2018 Graduation Program)



**CALEDONIA**



## GRADE 10 COURSE SELECTION

This booklet contains information regarding course selection at Caledonia Secondary School.

To graduate on the 2018 Graduation Program, students must earn at least 80 **credits**—the equivalent of 20 courses. Each course is worth 4 credits. To confirm the credits you already have and the credits you still need in order to graduate see your assigned Counsellor.

Most students complete their grad requirements in three **years**. Some students can finish in 2½ years; some take an extra semester or year. Some students obtain permission to return to Caledonia after graduating in order to pick up additional courses or upgrade certain marks.

If you have an idea of what you want to do after you graduate, you are advised to check on the secondary school courses expected or recommended as **pre-requisites**. Otherwise, you are encouraged to **“keep the doors open”**—to take the hardest courses in which you can succeed and to take a variety of courses. Keep in mind that it’s one thing to graduate from secondary school and it’s another to have what you need to enter a post-secondary program at a college or university.

We expect each student to take **full load** of eight courses within the school year, unless their personal education plan and goals do not require this. Some courses involve a separate application; students may see their Counsellors for more information. You may take additional Caledonia courses outside the regular school day; those additional courses are sometimes referred to as “ninth block” courses.

Please give **thought** to your course request. Keep a copy of the list of courses you request, including changes you make to your request. The requests from all our students determine which courses actually end up running. Your Counsellor will stay in touch with you if courses you have requested end up being cut and you need to provide additional alternates.

When you receive your schedule from the School in late August, you may wish to work with your Counsellor to **balance** your harder and easier courses over the two semesters as much as classroom space and the timetable allow.

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## GRADUATION REQUIREMENTS

To graduate on the 2018 Graduation Program, students must earn at least 80 credits—the equivalent of 20 courses. Each course is worth 4 credits.

52 credits of core courses	13 courses
12 credits of Grade 12 elective courses	3 courses
16 credits of Grade 10, 11, or 12 elective courses	4 courses

To graduate, students must also write the Literacy Assessment and the Numeracy Assessment, and complete a required Indigenous focussed course in grade 10, 11 OR 12.

### CORE COURSES

an Arts Education and/or  
Applied Design, Skills, and Technologies 10, 11, or 12 course  
Career Life Connections & Capstone  
Career Life Education 10  
an English Language Arts 10 course  
an English Language Arts 11 course  
an English Language Arts 12 course  
a Mathematics 10 course  
a Mathematics 11 or 12 course  
Physical & Health Education 10  
Science 10  
a Science 11 or 12 course  
Social Studies 10  
a Social Studies 11 or 12 course  
an Indigenous focussed course in grade 10, 11, or 12

### ELECTIVE COURSES

3 x Grade 12 courses  
4 x Grade 10, 11, or 12 courses

### ASSESSMENTS

Literacy Assessment  
Numeracy Assessment

## GRADUATION PLAN OVERVIEW

A full course-load in one school year is 8 courses. Students completing a full load of courses over three years will have credit for 24 courses (4 more than the minimum required).

Students may include learning assistance blocks, support blocks, or in approved cases, off campus blocks in their timetable, therefore earning credit for fewer than 8 courses in a year.

Students who complete courses outside the regular day may earn credit for more than 8 courses in a year.

Career Life Connections and the Capstone Project are part of the requirements for graduation. At Caledonia, students have three options for earning these credits:

- 1) through occasional “pull-out” sessions during Flex and/or class time \*
- 2) through a registered Work Experience course
- 3) through Distance Learning

\* This option involves students completing the CLC 12 portion during their Grade 11 year and the Capstone Project during their Grade 12 year.

Students should see their counsellors and Ms. Braid for more information

**Beginning in the 2023-24 school year, all students must complete an indigenous-focussed course as part of their graduation requirements. The requirement can be met in grade 10, 11 or 12. The courses that students can choose from at Caledonia are:**

**English First Peoples 10, 11, & 12**

**BC First Peoples 12**

**North Coast Art and Design 10, 11, & 12**

In order to graduate, students must also write the Literacy Assessments and Numeracy Assessment. At Caledonia, students are scheduled to the first Literacy Assessment in the term in which they are taking their English Language Arts 10 course; their Numeracy Assessment in the term in which they are taking their Mathematics 10 course; and their second Literacy Assessment in the term in which they are taking their English Language Arts 12 course.

Here is a typical Graduation Plan Overview:

### **GRADE TEN**

- 1 Workplace Math 10  
OR Foundation of Math & Pre-Calculus 10
- 2 an Arts Education and/or Applied Design, Skills, & Technologies 10 course
- 3 Career Life Education 10
- 4 English 10 OR English First Peoples 10
- 5 Physical & Health Education 10
- 6 Science 10
- 7 Social Studies 10 OR *Sciences humaines* 10 (French Immersion)
- 8 Grade 10 Elective

### **GRADE ELEVEN**

- 1 Workplace Mathematics 11 OR Foundations of Math 11  
OR Pre-Calculus 11
- 2 BC First Peoples 12 OR Comparative Cultures 12  
OR *Sciences humaines* 11 (French Immersion) OR Social Justice 12  
OR 20<sup>th</sup> Century World History 12
- 3 Life Sciences 11 OR Chemistry 11 OR Earth Science 11 OR Physics 11  
OR Environmental Science 11
- 4 Literary Studies 11 OR EFP Literary Studies & Writing 11
- 5 Grade 10/11 Elective
- 6 Grade 10/11 Elective
- 7 Grade 10/11 Elective
- 8 Grade 10/11 Elective

### **GRADE TWELVE**

- 1 English Studies 12 OR English 12 First Peoples
- 2 Career Life Connections & Capstone
- 3 Grade 12 Elective
- 4 Grade 12 Elective
- 5 Grade 12 Elective
- 6 Grade 11/12 Elective
- 7 Grade 11/12 Elective
- 8 Grade 11/12 Elective

## POTENTIAL COURSES

- \* Outside the regular day
- \*\* Application required

### **Applied Design, Skills, & Technologies—Home Economics**

Food Studies 10  
Textiles 10

### **Applied Design, Skills, & Technologies—Trades and Technology**

Trades & Technology Level I: Grade 10 Courses  
Automotive Technology Level I: Power Technology 10  
Drafting Level I: Drafting 10  
Explore: Trades Sampler 12A & 12B \*\*  
Metalwork Level I: Metalwork 10  
Woodwork Level I: Woodwork 10

### **Arts Education—Drama**

Drama 10  
Musical Theatre 10 \*  
Musical Theatre Production 10

### **Arts Education—Music**

Choir 10 \*  
Concert Band 10  
Jazz Band 10 \*

### **Arts Education—Visual Arts**

Art Studio 10  
Media Arts 10  
Northwest Coast Art & Design 10  
Yearbook 11

### **Career Education**

Career Life Education 10

### **English Language Arts**

English 10 (Composition & Literary Studies)  
English First Peoples 10 (Literary Studies & Writing)

### **Mathematics**

Foundations of Math & Pre-Calculus 10  
Workplace Math 10

### **Physical Education**

Physical & Health Education 10  
Principles of Sport 10 – Basketball \*  
Superfit 10

### **Science**

Science 10

### **Second Languages**

*Français langue seconde-immersion* 10  
French 10

### **Social Studies**

*Sciences humaines* 10 (French Immersion)  
Social Studies 10



## **SPECIAL PROGRAMS**

### **EXPLORE: TRADES SAMPLER**

During Semester 2, Grade 10 students alternate 10 weeks of trades training at Coast Mountains College with 10 weeks of secondary school coursework. The trades areas studied are

- Automotive/Heavy-Duty Mechanics
- Carpentry
- Electrical
- Plumbing/Pipefitting
- Welding/Millwright Machining

Upon successful completion of the program, the student will have earned credit for Trades Sampler 12A and 12B as well as English Language Arts 10, Social Studies 10, and Career Life Education 11.

Students need to apply for this program.

### **FRENCH IMMERSION**

To graduate with a “Dual Dogwood” through the French Immersion Program, a student must earn credit for at least six of the eligible courses:

- *Français langue* 10
- *Français langue* 11
- *Français langue* 12
- *Sciences humaines* 10
- *Sciences humaines* 11
- *Études regionales et ethniques* 11

In order to graduate, French Immersion students must also complete English Language Arts courses for Grades 10, 11, and 12.

### **SCHOOL COMPLETION PROGRAM**

This program is designed for students who—due to past achievement, ability, and individual educational assessments in school—will not graduate from the regular British Columbia secondary school program with a Dogwood Certificate. The program helps students with basic skills, life skills, and work experience. Based on individual strengths and interests, some students take one or more courses from the Dogwood program. Grading may be adjusted to recognize students for their individual achievements.

At the end of the program, SCP students receive an Evergreen Certificate, signifying completion of three years of study in the secondary school. To be enrolled in this program, students must have written parental consent.

### **OUTDOOR EDUCATION**

During Semester 2, Grade 11 or 12 students spend the entire 20 weeks with one teacher, earning credit for

- Literary Studies 11 or English Studies 12
- Environmental Science 11 or Geology 12
- Outdoor Education 11
- Outdoor Education 12

Approximately half of the coursework is completed off-campus in local outdoor settings; the other half is completed on the Caledonia school campus. Any specialized equipment needed for course activities (such as rock climbing) will be provided for the students.

## **EXTERNAL COURSES**

Students who have completed various programs outside the public school may receive graduation credits for the achievements. Students should see their Counsellors to discuss details of this opportunity and the type of documentation required. Programs include Athletics, Cadets, and Royal Conservatory of Music.

## **WORK EXPERIENCE**

The Work Experience program allows students to investigate potential careers by way of on-the-job experience. It is possible to accrue enough hours of experience to earn credit for Work Experience 12A and 12B. Students apply through the Careers Co-ordinator

## **WORK IN TRADES**

The Work in Trades program involves work experience. With the completion of 480 hours of employment, the student receives credit for 2 Grade 11 courses and 2 Grade 12 courses. There is a potential for scholarship funding. Interested students should see the Careers Coordinator.

## **TRAIN IN TRADES**

Students interested in pursuing a career in one of several trades areas are encouraged to consider applying for the Ace-It program, run by the Northwest Trades and Employment Training Centre. The trades training is normally undertaken during the student's Grade 12 or "Grade 13" year. Upon completion of the trades training, the student receives high school credits as well as credit toward a Level 1 Technical Trades Training apprenticeship. Application is made through the Caledonia's Careers Co-ordinator. While students are enrolled in the Train in Trades program, they are registered as students of NTETC and are off the Caledonia Secondary School register.

# **LEARNER SUPPORT**

## **RESOURCE ROOM**

Resource Room is a program to support students with some form of identified learning disability who are in an academic Dogwood graduation program. A Resource Room block is for the whole semester. This program provides academic support and strategies for differing learning styles, as well as social/emotional support for students who are experiencing difficulties in these areas. This is a non-credit block.

## **SUPPORT BLOCK**

A Support Block helps students so that they can pass their required courses and graduate. It provides an assigned block during the school day for assistance with and completion of assignments, homework, projects, and tests. Students may be referred or ask their Counsellor for a referral. The needs and past performance of the individual are reviewed before a student is placed in the program. This is a non-credit block.

## **CONNECTIONS ROOM**

The First Nations Support Workers provide services to students in the Connections Room, in the Support Block Room, and in classrooms. Their goals are academic support of students; communication amongst students, staff, and parents; and sharing of cultural knowledge and activities.

## **STUDY BLOCK**

Grade 11 and 12 students with a course load of at least five academic courses within the year may apply for a Study, which provides an assigned block in the Library for completion of coursework and for studying. If a Study Block is granted, the student will have at least three remaining academic courses in that semester.

## **CAUTION**

Regarding academic courses (English Language Arts, Math, Science, Social Studies), the expectation is that students enroll in

- courses at their own grade level and
- courses for which they have the recommended pre-requisite course and marks.

However, some students may have academic plans which rely on taking an academic course at the grade level above their own or a course for which they do not have the pre-requisite course/marks. A student who requests such a course can expect to receive from the Counsellor a “Caution” form. The form includes the reason the caution is being issued and other input. The student who wishes to continue with the request will have a deadline for returning the form with signatures by both the student and the parent. Failure to return the form by the deadline means that placement in the requested course will be automatically denied or revoked. A student taking a course despite being cautioned and then wanting to withdraw early from the course can expect to be assigned an “off-campus” block.

## COURSE DESCRIPTIONS

### APPLIED DESIGN, SKILLS, & TECHNOLOGIES—HOME ECONOMICS

#### **FOOD STUDIES 10** (MFOOD10)

Basic cooking skills are emphasized as students use tools and equipment in the kitchen to prepare delicious food. The basic concepts of nutrition, food-safe procedures, and food preparation techniques are presented so that all students—whether novice or experienced cooks—can enjoy making and eating foods for breakfast, lunch, supper, and in-between. Students can expect to be cooking two to three times a week. Labs and assignments each make up about half of the grade.

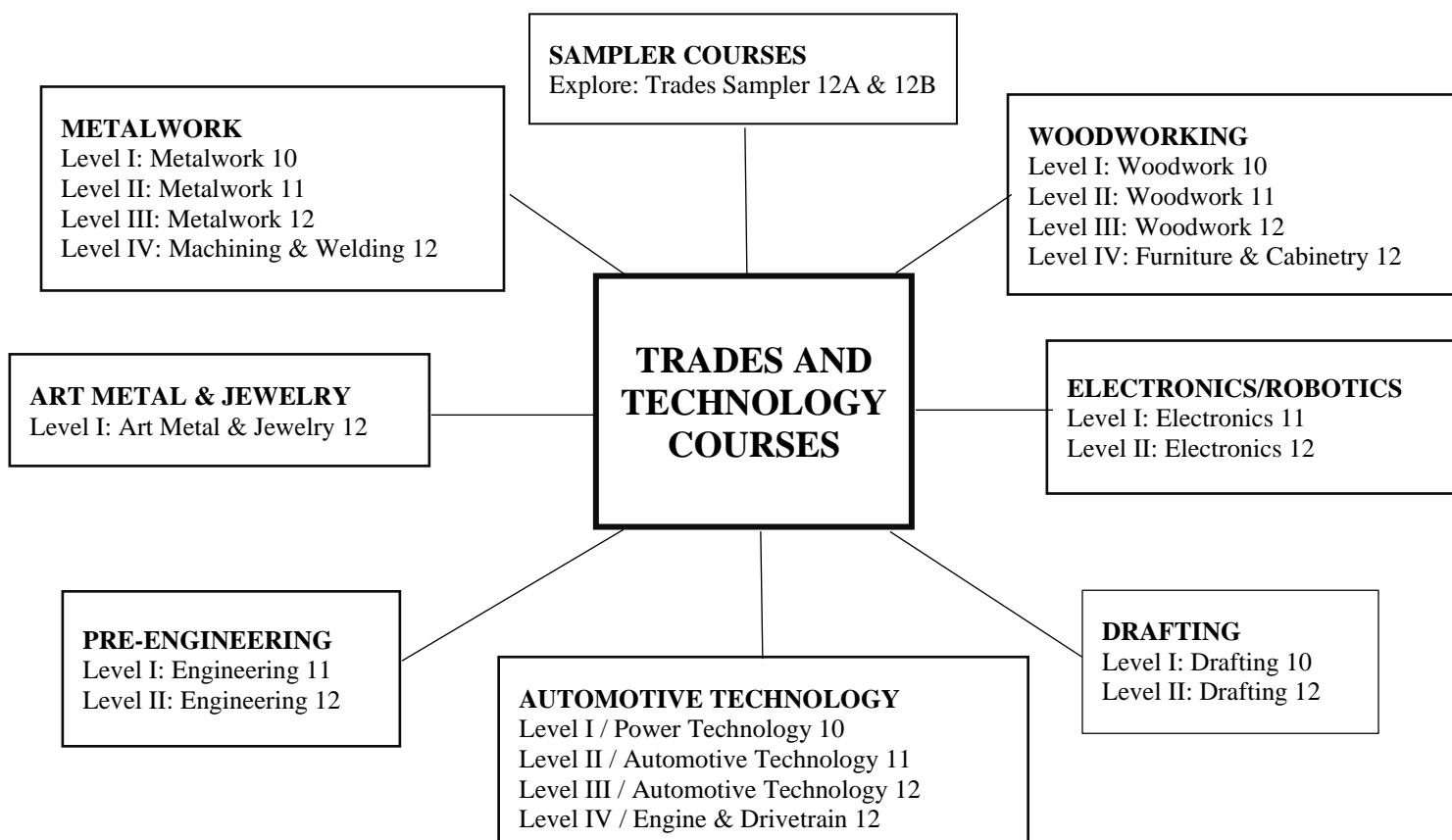
#### **TEXTILES 10** (MTXT-10)

This course will explore a wide variety of basic skills related to producing both practical and creative projects in textiles and the fibre arts. Students will learn to use the creative process and design principles with both hand and machine tools to gain textile knowledge and skill with a variety of practices including: working with a pattern, alterations and mending, culturally-based textile traditions, knitting/crochet, or weaving, and other themes.

### APPLIED DESIGN, SKILLS, & TECHNOLOGIES—TRADES

Technology Education courses at Caledonia are broken down into levels of experience. All students will start their training in any particular field in a Level I course, regardless of their grade. Once a student has successfully completed a level, they may proceed to the next level. All technology education courses at Caledonia emphasize safety in the workplace and employability skills.

It is recommended that all technology education students take at least Level I Drafting, as this will be of considerable use in all other courses.



## **APPLIED DESIGN, SKILLS, & TECHNOLOGIES—TRADES (cont'd)**

### **LEVEL I: GRADE 10 COURSES**

#### **AUTOMOTIVE TECHNOLOGY LEVEL I: POWER TECHNOLOGY 10 (MTPOW10)**

This course is designed to introduce students to a mechanics shop environment and the internal combustion engine. The course involves both classroom and shop-based work, with emphasis on hands-on activities and project-based participation.

This course is recommended for students intending to continue with higher-level Auto Technology courses.

#### **DRAFTING LEVEL I: DRAFTING 10 (MTDRF10)**

Drafting is essential in all Trades and Engineering careers. This course is designed to introduce students to a drafting lab environment and tools that are typically used in drafting fields. This course involves sketching, hand drafting, and CADD (Computer-Aided Drafting and Design), in mechanical and architectural forms. Students will create their own house plan and model as a final project in this class.

#### **EXPLORE: TRADES SAMPLER 12A & 12B (TSTP-2A, TSTP-2B)**

During Semester 2, Grade 10 students alternate 10 weeks of trades training at Coast Mountains College with 10 weeks of secondary school coursework. The trades areas studied are

- Automotive/Heavy-Duty Mechanics
- Carpentry
- Electrical
- Plumbing/Pipefitting
- Welding/Millwright Machining

In the space of ten weeks, students will earn two courses' worth of credits. Students need to apply for this program.

#### **METALWORK LEVEL I: METALWORK 10 (MTMET10)**

This course is designed to introduce students to a metalwork shop environment and the hand tools and machines that are typically used there. The emphasis will be on a generalized knowledge of procedures, rather than a focused course of study. The course involves both classroom and shop-based work, with emphasis on hands-on work and project-based assessment. Students must provide their own safety glasses for this course and are responsible for the cost of materials.

#### **WOODWORKING LEVEL I: WOODWORK 10 (MWWK-10)**

This introductory course is a practical, project-driven course with an emphasis on the safe operation of both machines and hand tools. Student will design and construct wood projects in the areas of carpentry and joinery.

## **ARTS EDUCATION—DRAMA**

#### **DRAMA 10 (MDRM-10)**

This course is for students who want to act and to grow in terms of imagination, expression, confidence, teamwork, interpretation, theatre skills, and understanding of drama. Actors will develop skills through drama exercises and improvisation. The second term is dominated by a class play, which will be performed in front of a small audience.

## ARTS EDUCATION – DRAMA (cont’d)

### **MUSICAL THEATRE 10 (MMUTH10)**

This course is for students who want to participate in a Musical Theatre production, either on stage, or in the pit band. **This course has an audition process. If you choose this course, you are signing up to audition for either a role on stage OR in the Pit Band. Only those students who are chosen from the audition process will be enrolled in the course.** The focus of the course is on commitment, self-discipline, teamwork and theatre skills. Students will complete activities related to the preparation, rehearsal and performance of a musical. The role in which a student is cast will determine the individual’s number of days of rehearsal and the amount of acting, singing, dancing or performing on a particular instrument in the pit band. Class sessions and rehearsals are held after school Monday through Friday plus Sunday afternoons.

### **MUSICAL THEATRE PRODUCTION 10 (MDRD-10)**

Want to help bring a musical theatre production to life? Musical Theatre Production 10 is for students interested in an *offstage role* in supporting Caledonia’s Musical Theatre performance in December. Students who enroll in this course will have the opportunity to research costumes, hairstyles, and set dressing ideas for the production. They will have the opportunity to paint set and create hand props that may be used onstage. As well, they will be a part of the backstage support team on show nights – being a stagehand, a member of the hair and makeup crew, or the front-of-house team. Running outside the timetable, this x-block course takes place outside the regular hours of the school day.

## ARTS EDUCATION—MUSIC

Students enrolled in Instrumental or Choral Music courses must be willing to accept the responsibilities of being in these courses. These responsibilities include a willingness to practise outside of class time.

Students in Band who do not have their own instruments must be willing to rent or buy one. Some instruments are available from the School.

Students enrolled in music classes are expected to participate in all Caledonia Music activities, which include concerts and extra rehearsals. The music tour and fundraising are optional.

### **CHOIR 10 (MMUCC10)**

Students will learn and perform pieces from all styles of music (classical, pop, jazz). The basics of reading and singing music will be taught. Students must be willing to perform in this practical class and in concert situations. Extra rehearsals may be necessary. Choir students are encouraged to be involved in the School Musical. The show is performed for the public the first week in December. Choir is a “ninth block” course which meets outside the regular timetable on Tuesday and Thursday afternoons from 3:30 to 5:30 p.m. for the entire school year.

### **CONCERT BAND 10 (MMUCB10)**

Pre-requisite: Band 9 or Adjudicated Band Level

This course is an extension of Band 9 with more intensive study in band performance, instrumental technique, theory, and history. Typically, Band is offered in the first semester with extra-curricular rehearsals during Semester 2 on Mondays from 3:30 to 5:00.

## **ARTS EDUCATION –MUSIC (cont’d)**

### **JAZZ BAND 10 (MMUJB10)**

Pre-requisite: Students must competently play one of the traditional jazz band instruments (saxophone, trombone, trumpet, guitar, bass guitar, piano, drums, percussion). Students are strongly encouraged to be concurrently enrolled in Concert Band 10. The ability to read music accurately is beneficial.

A variety of jazz styles will be explored through listening, rehearsing, and performing. The fundamentals of improvised solo playing will be emphasized and encouraged. Jazz Band is a “ninth block” course which meets outside the regular timetable on Monday, Wednesday, and Friday mornings from 7:30-8:30 a.m. for the entire school year.

## **ARTS EDUCATION—VISUAL ARTS**

### **ART STUDIO 10: 2D & 3D FOCUS (MVA10)**

Art Studio 10 is a survey/foundation course that is an introduction to advanced art courses. Skills and techniques in drawing, painting, design, and 3D sculpture, such as ceramics, are explored. Students work with the teacher to explore new and creative approaches aimed at helping students find personal challenge, originality, and inspiration in this visual world. Several weeks are devoted to independent, free-choice projects. Outdoor art and Art Gallery fieldtrips are included with this course.

### **MEDIA ARTS 10 (MVAM-10)**

This course is designed to give you a good foundation in a variety of computer programs and design techniques that will serve you well in the future. We’ll explore Adobe Photoshop, InDesign, Premiere and manual operation of DSLR cameras for photography and video. You will create graphics and materials for publication and learn basic photo manipulation. You will also work in groups to produce original films, learning about storyboarding and video production in process. This course, great for all students willing to explore their creativity, includes a mix of group work and independent work.

### **NORTHWEST COAST ART, DESIGN & CRAFTS 10 (YAES-0A)**

This course will introduce students to traditional Northwest Coast art and design. The course starts with technique practice in drawing and painting. Projects may include paintings, murals, carvings, clay tiles, and fibre arts. Guest artists will visit and work with students. First Nations symbolism and the historical background of myths and legends will be explored. When possible, fieldtrips will be included in the course.

### **YEARBOOK 11 (YCCT-1A)**

Do you like to have your finger on the pulse of what’s happening at our school? Do you enjoy taking pictures of people and documenting an event? Do you have time to attend school events outside of the timetable and attend a weekly Yearbook meeting? If so, Yearbook might be the course for you. Learn photography techniques, graphic design, and organization, and contribute to a permanent record of our school year. Yearbook 11 is offered as a “ninth-block” course (outside the regular school day).

## **CAREER EDUCATION**

### **CAREER LIFE EDUCATION 10 (MCLE-10)**

The “big ideas” in this course are balance of work and personal life; network of family, friends, and community members; lifelong learning and adaptation; internal and external factors of career planning; the global economy; the cycle of planning, evaluation, and adaptation.

## ENGLISH LANGUAGE ARTS

### **ENGLISH 10** (MCMPS 10 & MLTST 10)

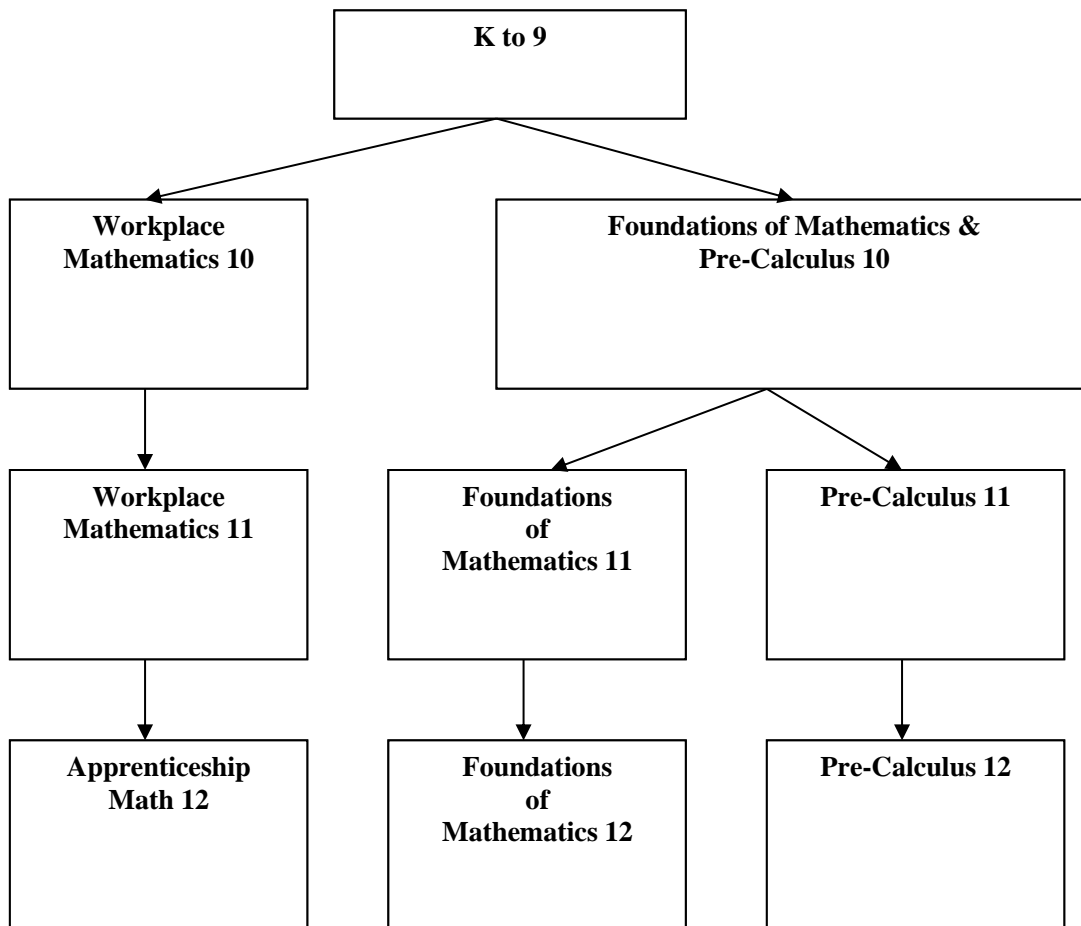
English 10 is divided into two components worth two credits each: Composition 10 and Literary Studies 10. Modes of delivery include short stories, novels, poems, and plays. Students write academic paragraphs and essays, learn research skills, write literary compositions, and engage in discussion.

### **ENGLISH FIRST PEOPLES 10** (MEFLS10 & MEFWR10)

English First Peoples 10 is divided into two components worth two credits each: Literary Studies 10 and Writing 10. Modes of delivery include short stories, poems, novels, films, documentaries, and plays. It will do so through a First Nations lens to see how texts, stories and media are connected to the past, present and future. Students will learn writing skills related to essays, literary responses, and research using contemporary First Nations and Indigenous materials. This course is equivalent to English 10 Composition and Literary Studies 10.

## MATHEMATICS

There are three different math pathways, each with a different focus.



The Workplace Math pathway is for students intending to enter a trades program at a technical college or enter the work force after graduation. While this pathway is well suited as preparation for many trades, some trades (such as electrician) require a higher academic math.



## **MATHEMATICS (cont'd)**

The Foundations of Math pathway is designed to prepare students for post-secondary programs that do not require the study of Theoretical Calculus. These programs include Humanities and Fine Arts.

The Pre-Calculus pathway is designed to prepare students for post-secondary programs that require the study of Theoretical Calculus. These programs include Commerce, Engineering, Mathematics, Medicine, and Science.

It is important that students research the math requirement for their intended post-secondary education. Some institutions will accept courses from different math pathways as equivalent; for example, Foundations of Math 12 may be accepted as equivalent to Pre-Calculus 11.

### **FOUNDATIONS OF MATH & PRE-CALCULUS 10 (MFMP-10)**

Topics in this course include number sets, exponents, polynomials, trigonometry, relations and functions, as well as equations of lines and linear systems. Solid skills in Math 9 are needed to support learning and success in this course. Students earning less than 70% in Math 9 are recommended to enrol in Workplace Math 10.

### **WORKPLACE MATH 10 (MWPM-10)**

Topics in this course include measurement, geometry, pricing and income, and algebra. This course leads to Workplace Math 11.

## **PHYSICAL EDUCATION**

### **PHYSICAL & HEALTH EDUCATION 10 (MPHED10)**

The aim of this course is to provide opportunities for all students to develop knowledge, movement skills, and positive attitudes and behaviours for living an active, healthy lifestyle. The units of activity will fall under the categories of Individual and Dual Activities (such as Badminton, Weight Training, Pickle Ball, CPR), Team Games (such as Volleyball, Soccer, Football, Minor Games), and Rhythmic Movement (such as Social Dance, Aerobics, Gymnastics).

### **PRINCIPLES OF SPORT 10 – BASKETBALL (YLRA0A)**

Outside the regular timetable, this course aims to build students' basketball skills, attributes, and knowledge as well as to give students insights into lifelong health and wellness, goal-setting, leadership, time management, stress management, communication, and social responsibility. Topics will include physical training, individual skills, team concepts and tactics, mental and physical well-being, sports nutrition, and the relationship to personal development and identity.

### **SUPERFIT 10 (YHRA-0B)**

This class is designed specifically for individuals who are committed to fitness. Topics in the class include individual fitness development, prevention and care of injuries, nutrition, athletic goalsetting and the harmful effects of performance-enhancing substances. Students who are already involved in multiple sport programs at school or in the community are encouraged not to take Superfit. Pursuing individual strength-training programs, school team sports, and community sport programs at the same time as Superfit could expose the students to injuries due to overtraining.

## **SCIENCE**

### **SCIENCE 10 (MSC—10)**

This course is divided into four areas of study:

- Biology—DNA/Genetics
- Chemistry—Chemical Compounds, Chemical Reactions, Acids and Bases, Reaction Rate and Nuclear Reactions
- Physics—Energy Transformation
- Astronomy—Formation of the Universe

## **SECOND LANGUAGES**

### ***FRANÇAIS LANGUE SECONDE-IMMERSION 10 (FFRAL10)***

This course is a continuation of the integrated study of all aspects of learning the French language begun in the lower grades. It includes the study of literature.

### **FRENCH 10 (MFR—10)**

Students will be immersed in French language through storytelling techniques and highly comprehensible, repetitive common structures as they build acquisition and start to express themselves in written and oral forms. Students will access the language through novels and other media.

## **SOCIAL STUDIES**

### ***SCIENCES HUMAINES 10 (FSCH-10)***

This course is the required Social Studies course for French Immersion students. Its content covers the same topics as those covered in Social Studies 10.

### **SOCIAL STUDIES 10 (MSS—10)**

Social Studies 10 examines the development of modern Canada and its role in international affairs. Topics in the course include World War I and World War II, global conflicts, dictatorships, economic development, social and cultural trends, human rights, human geography, active citizenship, and Canadian identity. Through this course, students will be introduced to themes they can explore further in senior courses offered by the Social Studies Department.