

# MAPLE RIDGE SECONDARY SCHOOL

## ECOLE SECONDAIRE MAPLE RIDGE 2026-2027

### CREATING COMMUNITY, PROVIDING OPPORTUNITY



We would like to acknowledge that our school is located on the traditional and unceded territory of Katzie First Nation and Kwantlen First Nation. We welcome and recognize all of our First Nations, Métis, and Inuit students and families in our school and MRSS community. As well, we want to welcome and recognize the many different cultures that are represented in our school and community.

## Program Choices

Maple Ridge Secondary School has several programs available to its students. These choices will vary according to the subject area and the grade.

### REGULAR (ENGLISH OR FRENCH IMMERSION)

The regular curriculum for that course for a particular grade. This is the standard course curriculum and expectations as defined by the Ministry of Education.

### FRENCH IMMERSION

By continuing in French Immersion, students maintain and extend their expertise in French. Being part of a specialty program in high school provides meaningful connections for students with their French Immersion peers and teachers while fully experiencing all the other opportunities of the high school environment. This program enables students to build upon their foundation language skills and develop greater confidence in using French with increasing precision and sophistication. Students who complete the program and the grade 12 provincial exam successfully, will receive their bilingual Dogwood certificate.

### ADVANCED PLACEMENT (AP)

Advanced Placement (AP) is a program of acceleration and enrichment that allows gifted or highly motivated students to begin college or university studies while still in secondary school. This program is recommended for only the outstanding student who wishes to be academically challenged. Candidates for AP courses will be determined by the school.

At MRSS an AP course may be offered in Psychology. The advantages of AP include enrichment and academic challenge; possible first year university credit or standing university placement priority. Satisfactory grades on AP Exams may offer many benefits. The basic reason for taking an AP course is to learn a subject in greater depth, to develop analytical reasoning skills, and to develop disciplined study habits appropriate for continued success at the post secondary level

Regardless of the grade you get on an AP course or an AP exam, neither could work against you for the following reasons:

- The marking scheme in each AP course is adjusted differently to compensate for the increased level of difficulty
- AP exams occur in the middle of May well before the provincial exams in June.
- The AP exam is not a requirement for the course, however, it is recommended.

### Advantages of the Advanced Placement Program

Another advantage of taking AP courses would be a student may select a single course or a combination of courses. This allows for:

- A gradual acclimatization to collegiate work load and pace.
- Enrichment without sacrifice of extracurricular activities.
- Students are able to decrease their time spent in the university lab by as much as 2/3 due to their confidence and experience gained in their AP classes.
- Excellent preparation for provincial as well as many external scholarship exams.

## Message From The Principal

I am happy to welcome you as part of our Rambler community. A core belief of our school is that none of us are equal until we are all equal. Our school values diversity, equity and inclusion. We look forward to offering you the opportunity to become actively involved in the pursuit of excellence in academics, athletics, fine arts, and citizenship.

This newspaper, and the counselling sessions that are available to you, are designed to assist you in determining a program of studies that will best suit your needs and help you learn more about our school. As you read through, feel free to ask questions of our counsellors and teachers, and remember to discuss program options with your parents/guardians.

Apart from your courses, I would encourage you to become involved in our tremendous extra-curricular programs. Enhancing your high school program with extra-curricular activities will give you further opportunity to make new friends, learn new skills, and feel more connected to our school. Please consider that the courses you choose over the next five years are fundamental in shaping your future. We look forward to working with you to achieve your potential.

## GRADUATION REQUIREMENTS

To graduate, students must earn a minimum of 80 credits: 48 from the required course list below, 4 credits with an Indigenous focus, as well as at least 28 credits from elective courses, and 4 credits from successful completion of Career Life Connections (CLC). Of the 48 required course credits, at least 16 credits must at the grade 12 level. All courses are worth 4 credits.

### Required Courses = 48 credits

- English 10
- English 11 & 12
- a Math 10
- a Math 11 or 12
- Science 10
- a Science 11 or 12
- Social Studies 10
- a Social Studies 12
- Physical Education 10
- Career Life Education
- Career Life Connections & Capstone
- Fine Arts and/or Applied Skills 10, 11 or 12

### French Immersion Bilingual Dogwood Requirements:

- Francais Langue 10, 11 & 12
- Sciences Humaines 10
- Education Physique 10
- a Gr. 10 French Immersion Elective
- Communication Orale 12
- Histoire 12

## Athletic & Club Activities

Students who attend Maple Ridge Secondary School have unlimited opportunities to become involved in the school's numerous activities. Our school features an outstanding activity program open to every student.

### School teams:

Basketball  
Cheerleading  
Cross Country  
Field Hockey  
Field Lacrosse  
Rugby  
Track and Field  
Volleyball  
Wrestling

### Clubs & Other Activities:

Astronomy	Physics Olympics
Ball Hockey	Rainbow Connection
Board Games	Scorekeeping
CIYA	Student Council .
Crochet & Knitting Circle	Video Games Club
Dungeons & Dragons	... and more
Fiction Addiction	
Graphic Novel	
Model United Nations	

## Special Education

Special Education at MRSS covers a variety of services for students with special needs. Currently there are eight case managers who deal with students requiring adapted or modified programming. Please call our Counsellors or Special Education Department Head to answer any specific questions regarding special needs programming.

## MAPLE RIDGE SECONDARY SCHOOL

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Telephone: 604 463-4175 Website: <https://secondary.sd42.ca/mrss/>

Facebook: <http://www.facebook.com/MapleRidgeSS>

Twitter: <https://twitter.com/mrsssd42>



# MAPLE RIDGE SECONDARY SCHOOL

## CAREER EDUCATION

The Ministry of Education requires that all students receive career education. At Maple Ridge Secondary School, we deliver the curriculum in Career Education 8, Career Education 9, Career Life Education 10 in grade 11 and Career Life Connections which concludes with the Capstone Project in grade 12.

### CAREER EDUCATION 9

Career Education 9 will continue to work on the big ideas of Career Education 8 as students also investigate the role of mentors, family, community, schools and personal networking in both decision making and career life planning. This course will be offered as a “pull-out”, meaning that students will not have a Career Education block in their timetable, but each term will be given assignments to complete on their own and learning opportunities (via assemblies, Take Your Kid to Work Day, etc.), that build upon the learning standards taught in Career Education 8.

### CAREER LIFE EDUCATION 10 (OFFERED IN GRADE 11)

Career Life Education 10 is a full-year, 4 credit course that is part of the new graduation requirements. All grade 11 students must take Career Life Education.

The big ideas of Career Life Education center around: developing career and education paths, reflecting on the internal and external factors of career planning, understanding the impact of finances on personal plans, adapting to changes, fostering supportive networks, and finding a balance between work and personal life.

The learning and exploring process will include preparing students for presenting their Capstone Project in Grade 12.

### CAREER LIFE CONNECTIONS / CAPSTONE PROJECT 12

Career Life Connections is the 4 credit, mandatory program required for graduation. In Career Life Connections, grade 12 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 their post-graduation plan.

Students in grades 12 must create a personal integrated plan, to be included in the Capstone Project, for post-graduation that includes communicating choices related to:

- 30 hours, or more, of work experience, including volunteer activities
- Career exploration and education prospects
- Financial planning reflective of future goals
- Creating balance including addressing personal health and wellness

## WORK EXPERIENCE - DOORWAY TO THE FUTURE

Work Experience is that part of an educational program which provides students an opportunity to participate in, observe or learn about the tasks and responsibilities related to an occupation or career. This may include the work experience that is required as part of the Graduation Transition Plan.

There are several types of work experience opportunities available and students may choose a variety of experiences to meet the 30-hour requirement. The student’s work experience must support their career, educational and/or personal goals described in their Graduation Transition Plan.

Students may accumulate work experience hours over several years (grades 10-12). School-arranged Work Experience is automatically recorded in the Career Centre data files. Further information is available from the Career Centre. Parents are asked to become informed about the work experience activities, help the student plan for the work and provide on-going support to the student. The Career Development and Work Experience Coordinator, the Career Planning Assistant and the Graduation Transition Plan Coordinator all support the student’s work experience needs.

Electronic work experience, student employment, job shadowing, volunteering community service, school-arranged work experience, and work study programs qualify as work experience activities.



## PARTNERSHIP AND TRADES PROGRAMS

School District No. 42 and various post secondary institutions and trades training organizations have joined together to offer apprenticeship training programs for Grade 12.

### YOUTH WORK IN TRADES

Secondary School Apprenticeships allow students who are employed or working in a family business that is a Skilled Trade identified occupation to earn up to 16 credits towards graduation. Students will be registered with SkilledTradesBC and upon completion of each 120 hours of employment will receive 4 credits towards graduation (to a max of 16 credits). In addition, hours worked will be recorded by SkilledTradesBC (<https://skilledtradesbc.ca/>) and count towards their apprenticeship. A \$1000 award is available to students who complete the program with a C+ average and 900 hours total working hours (recorded by December 31 of the school year the student turns 19).

### AUTOMOTIVE SERVICE TECHNICIAN

This ten-month partnership with BCIT provides you with the basic knowledge and practical skills needed for entry into the automotive industry. As a graduate, you could pursue a career as a general repair technician or choose to specialize. You will receive credit for your first level of apprentice technical training from the SkilledTradesBC and 450 hours of work based training. Upon successful completion of this program, you will be scheduled to write the Provincial Level 1 apprenticeship exam.

### CARPENTRY

This is a ten-month partnership with Kwantlen University. Students who complete the program are eligible for credit for first year apprenticeship technical training. 28 credits - Dual credit for high school and level one of apprenticeship training and 450 hours of work based training.

### CARPENTRY – EARLY ENTRY APPRENTICESHIP

This partnership with Kwantlen University is a full-time 40-week level one apprenticeship program. Students complete core academic requirements on site with 28 credits dual credit for high school and apprenticeship training with 450 hours of work based training.

### CULINARY ARTS

This is an 8-month partnership with Vancouver Community College. Graduates will find excellent opportunities for employment in all areas of the food service industry, including positions such as assistant cooks or apprentices in restaurants, hotels, and aircraft flight kitchens. 32 credits - Dual credit for high school and level one and two apprenticeship training.

### ELECTRICIAN

This 24-week partnership with BCIT provides graduates with the theory and practical skills necessary to enter the electrical trade. The electrical worker plans, assembles, installs, tests, repairs and maintains electrical equipment and systems in a variety of settings. 24 credits - Dual credit for high school and completion of level one apprenticeship and 350 hours of work based training.

### HAIRSTYLING

This ten-month partnership with Vancouver Community College is divided into three levels. The first two levels are designed to cover all core aspects of the industry on a progressive scale, demanding an increase in competence at each level. 32 credits - Dual credit for high school and level one, two and three apprenticeship training, VCC certificate and writing of the Red Seal Exam. In addition – all students will complete a practicum at a local salon.

### MASONRY (BRICKLAYING)

This partnership between Kwantlen Polytechnic University provides a unique opportunity for 12 graduation-ready secondary school students to complete Grade 12 graduation requirements while earning 28 credits and the Masonry (Bricklaying) field of 400 work based training hours. Additionally, students will acquire job-ready skills to enter the job market or pursue other post-secondary education.

**THIS COURSE WILL NOT BE OFFERED**

### METAL FABRICATION

This is a ten-month partnership with BCIT deals with the selection, layout, shearing, cutting (with a torch), punching, drilling, forming, fitting and welding of steel plates and structural steel shapes. 28 credits - Dual credit for high school and level one apprenticeship and 450 hours of work based training.



### PIPE FITTING / PLUMBING

This partnership with Kwantlen University offers a level one apprenticeship plumbing program, giving students the practical and theory skills to enter the piping / plumbing industry. The program follows the provincial apprenticeship curriculum. Students receive dual credit (high school graduation and college credits for completion of the program). Students will develop the necessary habits concerning safety and the proper use of time, tools, materials, and the work skills required to be a competent trade’s person in today’s workforce. Students who successfully complete the Plumbing Foundation program will receive Level 1 in-school technical training credit and 375 work-based hours towards completion of the Plumber Apprenticeship program. Students are able to follow one of the four certification streams; plumbing, pipefitting, gas fitting and sprinkler fitting.

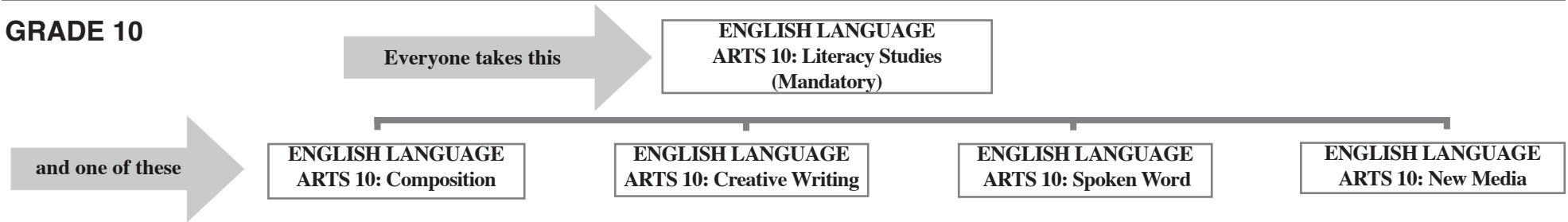
# Maple Ridge Secondary School

## ENGLISH

### ENGLISH 9

English Language Arts 9 builds on the skills developed in English 8 through a wide range of activities related to short stories, novels, poetry, and plays. Students are introduced to the structure and development of the basic essay and continue to practise the writing process. Descriptive, narrative, and expository writing are emphasized throughout the course. Grammar instruction focuses on parts of speech, sentence structure, and punctuation to support clear and effective communication.

### GRADE 10



### ENGLISH LANGUAGE ARTS 10: LITERARY STUDIES (MANDATORY)

(2 credits) (All grade 10 students must take this course)

Literary Studies 10 allows students to explore literature in greater depth. Students develop skills in critical reading, creative and analytical writing, and thoughtful discussion, while strengthening their ability to think critically and creatively about texts. In addition to Literary Studies, students must also **choose one of the companion courses below**:

### ENGLISH LANGUAGE ARTS 10: COMPOSITION

(2 credits) Composition 10 supports students in developing effective written and verbal communication through a critical process of questioning and reflection. Students explore narrative, expository, descriptive, and persuasive writing through the study and analysis of literary and informational texts. Key skills include citing sources, assessing the credibility of evidence, and evaluating the quality and reliability of information.

### ENGLISH LANGUAGE ARTS 10: CREATIVE WRITING 10

(2 credits) Creative Writing 10 is designed for students interested in refining their writing skills through self-expression. Students develop written and verbal expression through the study, appreciation, and analysis of literature, while experimenting with a wide variety of texts and genres. Emphasis is placed on creativity, voice, and the writing process in a supportive learning environment.

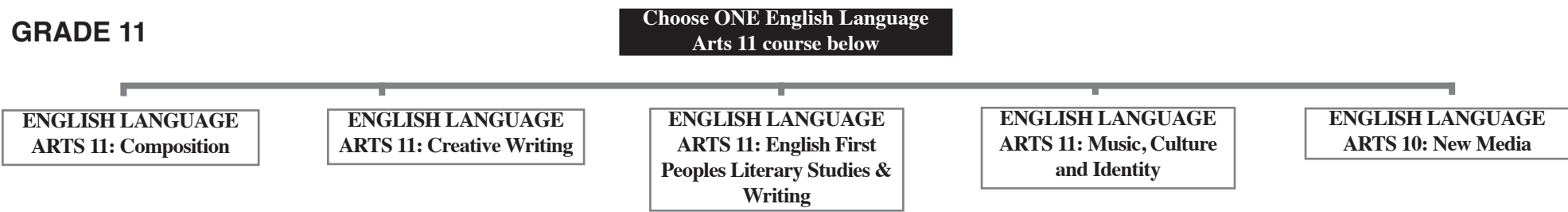
### ENGLISH LANGUAGE ARTS 10: NEW MEDIA 10

(2 credits) New Media 10 equips students with skills essential for success in an increasingly complex digital world. Students explore media communication in the twenty-first century and learn to use media thoughtfully, effectively, and responsibly. Through the analysis and creation of media texts, students develop critical thinking, ethical and aesthetic judgment, and skills in viewing, representing, listening, speaking, reading, and writing. Texts may include film, podcasts, gaming, social media, advertising, and journalism.

### ENGLISH LANGUAGE ARTS 10: SPOKEN WORD

(2 credits) Students develop confidence and skill in oral communication while exploring literature through performance, storytelling, poetry, discussion, and critical analysis. Through the study of novels, short stories, poems, and oral texts, students examine voice, identity, audience, and meaning, while strengthening their abilities in speaking, listening, reading, and creative expression.

### GRADE 11



### ENGLISH LANGUAGE ARTS 11: COMPOSITION

Composition 11 builds on skills developed in earlier courses, with an increased focus on analytical and persuasive writing. Students strengthen written and verbal expression through the study and analysis of literature and non-fiction texts. Emphasis is placed on crafting effective essays, citing sources accurately, evaluating evidence, and developing clear, well-supported arguments.

### ENGLISH LANGUAGE ARTS 11: CREATIVE WRITING

Creative Writing 11 is designed for students interested in developing confidence and refining their writing through self-expression. Students explore personal and cultural identities, memories, and stories across a wide range of genres. Within a supportive community, students collaborate and strengthen their skills through writing and design processes, reflecting on and extending their creative practice.

### ENGLISH LANGUAGE ARTS 11: ENGLISH FIRST PEOPLES LITERARY STUDIES & WRITING

English First Peoples 11 is designed for students interested in studying First Peoples literature and using writing for self-expression and communication in diverse contexts. Students examine Indigenous oral and written texts across multiple media, exploring themes, authors, and perspectives. Through individual and collaborative work, students think critically and creatively while developing powerful, purposeful compositions within a supportive learning community.

### ENGLISH LANGUAGE ARTS 11: MUSIC, CULTURE & IDENTITY

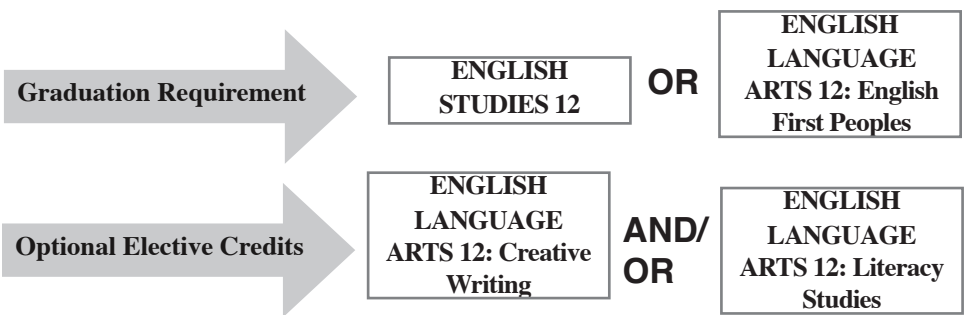
This course examines music as a literary and cultural text. Students analyze diverse voices, developing skills in interpretation, synthesis, and composition. This course fosters reflection on identity and empathy by exploring how music and literature shape personal and cultural narratives, promoting critical awareness, compassion, and meaningful dialogue about the role of art in society.



### ENGLISH LANGUAGE ARTS 11: NEW MEDIA

New Media 11 builds on skills developed in New Media 10, focusing on critical engagement with texts in a digital and media-rich world. Students explore media communication and develop ethical and aesthetic judgment alongside skills in viewing, representing, listening, speaking, reading, and writing. Literary texts are examined through podcasts, film, advertising, journalism, and other media, allowing students to analyze stories through multiple contemporary lenses.

### GRADE 12



### ENGLISH STUDIES 12

English Studies 12 builds on learning from ELA 10 and 11 courses and prepares students for post-secondary study and the workplace. Students refine skills in critical and creative thinking, literacy, and written, verbal, and visual communication. Through the exploration of diverse texts and genres, students develop thoughtful, informed responses to literature and contemporary issues.

### ENGLISH LANGUAGE ARTS 12: ENGLISH FIRST PEOPLES

English First Peoples 12 is grounded in the First Peoples Principles of Learning and explores authentic First Peoples texts. Students deepen their understanding of Canada's complex and diverse world through the study of oral and written literature. This course centres First Peoples voices and perspectives, fostering critical thinking, cultural understanding, and a commitment to justice and reconciliation.



ENGLISH LANGUAGE ARTS 12: LITERARY STUDIES

English Literary Studies 12 explores the power of language through the study of increasingly complex texts from a range of genres, time periods, and cultures. Students engage in critical reading, discussion, and writing as they examine how literature reflects and shapes worldviews and cultural perspectives. Through inquiry and analysis, students develop the skills and habits of thoughtful, informed, and engaged readers.

**Literacy Studies 12 is an elective course and will count towards total graduation credits, however, will not count as a Language Arts 12 credit.**

ENGLISH LANGUAGE ARTS 12: CREATIVE WRITING

Creative Writing 12 provides students with opportunities to explore creativity, practise advanced writing skills, collaborate with peers, and strengthen imaginative writing. Students work across a range of genres with the goal of preparing work for publication.

**Creative Writing 12 is an elective course and will count towards total graduation credits, however, will not count as a Language Arts 12 credit.**

SCIENCE

SCIENCE 9

This course involves lab safety, experiments, graphing and technology. Life Sciences focuses on reproduction, and will cover DNA replication, the processes of cell division resulting in somatic (regular) cells and gametes (reproductive cells), and various forms of asexual and sexual reproduction. The Chemistry component of the course looks at the structure and components of atoms, chemical formulas and the changes in the properties of matter by physical and chemical means. Electron organization of atoms and how this is related to the organization of the periodic table will also be investigated. Physics is another aspect of the course which looks at current electricity, both AC and DC, as well as voltage, current and resistance in series and parallel circuits. The relationship between electrical energy and power consumption will also be investigated. The course will also investigate the cycling of energy, nutrients and toxins through the biosphere, and will investigate how these processes are all connected. There will be an overall focus throughout the course on the development of logical reasoning and scientific thought processes, as well as the relationship of material covered in Science class to our day to day lives.

SCIENCE 10

This course provides insight into the scientific world. Applications focus on lab safety, accuracy and ethics. Life Science looks at DNA structure and function, how simple patterns of inheritance involve genes and chromosome and how natural and artificial selection are the mechanisms that result in the diversity of life. Chemistry examines the properties, classification and chemical reaction of compounds. TGhe radioactivity and nuclear chemistry unit examines the processes and their roles in our lives and our scientifiic understanding of our world.. Physics involves the examination of energy and its transformation and conservation. Earth Science focuses mainly on the formation of the universe, its components and collection of astronomical data.

CHEMISTRY 11

A basic introduction to the concepts of chemistry. Students gain experience through hands-on experiments, demos and activities that create connections to the real world. Strong mathematical skills are recommended. Students will learn about the techniques of chemistry and the products of the chemical industry, description of matter, naming compounds, the mole concept, chemical bonding, balancing equations and organic chemistry.



ANATOMY AND PHYSIOLOGY 12

This course is an essential background for university training in nursing, medical science, human biology, and kinesiology and will introduce the structure and function of the organ systems of the human body. Students will discover the importance of homeostasis or balance in all body systems. They will investigate biological molecules, structure and function of important cell organelles, the importance of DNA, and human anatomy & physiology. Human biology is examined on levels of molecules, cells, tissues, organs and systems. Organ systems studied may include Digestive, Circulatory, Respiratory, Urinary, Nervous, and Reproductive. Chemistry 11 is a recommended pre-requisite for Anatomy and Physiology 12. Biology 11 is encouraged, but not a required for Biology 12.

CHEMISTRY 12

In Chemistry 12 students will deepen their understanding of chemistry through the study of reaction rates, equilibrium systems, solutions, acids and bases, and electrochemistry. Students will further develop their problem-solving and laboratory skills and their ability to communicate scientific information. This course is intended for students wishing to study science, engineering, medicine or technology at the post-secondary level and requires good math skills.

ENVIRONMENTAL SCIENCE 12

This applied science course is for students interested in learning more about local and global environmental issues. Students will learn concepts, skills, and attitudes needed to understand the practices and issues related to global water systems, global climate change, land use, and sustainability. You will learn and perform practical techniques to scientifically analyze water, air and soil quality. Upon completion, students will have a good understanding of how humans interact with global ecosystems, personal changes that minimize their own ecological footprint, and what it means to be an environmentally responsible global citizen. This course will include hands-on applications, interactive labs, project work, article and video analysis and a year-end student-led action plan. Some content will be taught outside.

EARTH SCIENCE 11

This course applies all other sciences to the study of the earth. Units of study include: Astronomy (The formation of the universe, the unique properties of planet earth, Stars as the centre of solar systems and space technology), Oceanography & Water (Water as a unique resource, properties of the ocean and effects of climate change on water sources), Meteorology (Properties of the atmosphere, weather and changes to the atmosphere due to natural and human causes) and Geology (The rock cycle, mining and plate tectonics).

ENVIRONMENTAL SCIENCE 11

In this course, students will investigate the diversity and relationships of ALL living things and their environment. They will also discover the impact of human actions on our environment. This course will include hands-on applications, interactive labs, project work, article and video analysis and a year-end student-led action plan. This course is for motivated students that are interested in creating action plans that create change in a local or global context. Students should leave this course with the knowledge and skills to better understand and sustain the earth’s ecosystems. Some content will be taught outside.

LIFE SCIENCES 11

Students will develop an understanding of the diversity of life and of the inter-relations of all living organisms. They will gain an understanding of the beauty, drama and tragedy of the living world. Students will learn about how animals adapt to the changing world and the characteristics that divide each organism into classification systems used in science. They will have direct experiences with the natural world by way of observations and identification of organisms in their natural environment and through laboratory investigations.

PHYSICS 11

The physics 11 course is designed to develop your innate skills as a physicist, and to prepare you for future studies in physics or work in science-related careers. You will learn how to observe your surroundings as a set of interacting particles, whose actions can be explained logically, and whose behaviour is universal. You will gain practical skills in the design and construction of experimental devices. You will develop communication and collaborative skills with your classmates. You will learn to quantitatively measure the results of your experimentation so that you can model what you have observed mathematically. You will learn how to use your mathematical models to predict the result of future experiments.

SCIENCE FOR CITIZENS 11

This big picture goal of this course is to investigate how science impacts our daily lives rather than focusing on understanding a specific branch of science. At the end of the course you will be more science “literate” and will have a better understanding of the world around you. If you want to know “why do we have to take science?”, this is the course for you! While the content varies from year to year depending on student interest and current events, we will explore topics such as climate change (why it is happening and what the impacts of it are and will be), technology in our lives (autonomous cars, robots and their role in farming, CRISPR technology and its future impacts), heath (nutrition, allergies, supplements etc), forensics (methods, technologies and limitations) and general science literacy. Note that this course is not widely accepted for post-secondary entry.

GEOLOGY 12

This course further investigates and promotes an understanding of the solid Earth. Units of study include: Earths materials (minerals, resource deposits, igneous, sedimentary and metamorphic rocks), Earths internal processes and structures (plate tectonics, earthquakes, volcanoes and properties of earth’s interior), Processes that reshape the earth (weathering, erosion, glaciers and ground water), and The history of the earth (Geological time scale, fossils and methods of relative and absolute dating). It is strongly recommended that at least one grade 11 science course be completed before enrolling in this course, Earth Science 11 is preferred but not required.

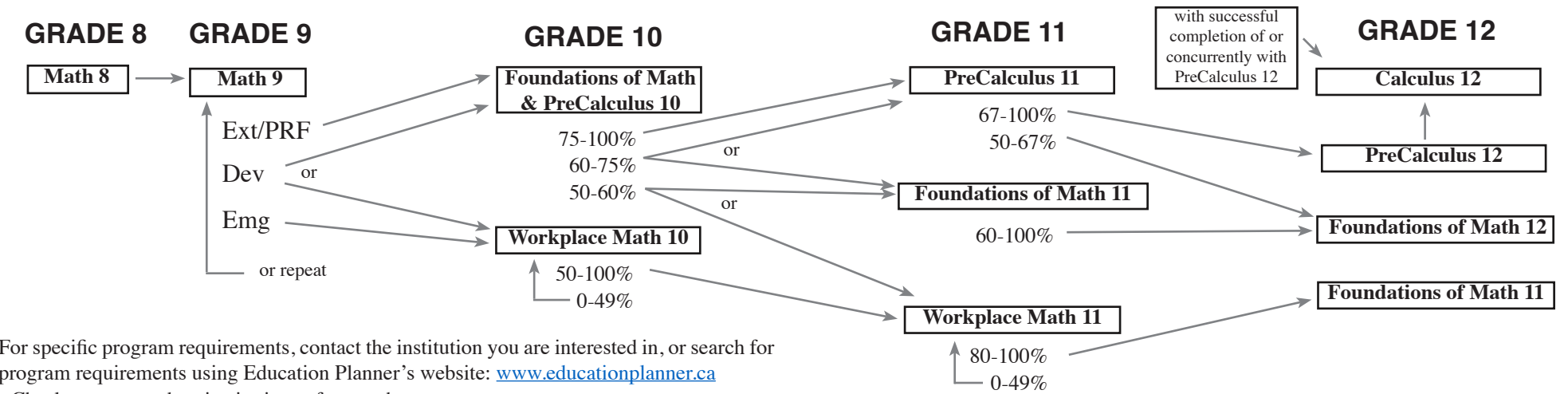


PHYSICS 12

The physics 12 course will extend the skills learned in physics 11, and introduce some more abstract concepts like electromagnetism. The mathematical modelling will be expanded to two and three dimensions, and the engineering challenges will involve integration of several topics. Students who successfully complete physics 12 will be very well prepared for college or university physics courses.



# MATHEMATICS



For specific program requirements, contact the institution you are interested in, or search for program requirements using Education Planner’s website: [www.educationplanner.ca](http://www.educationplanner.ca)

- Check post-secondary institutions often as changes may occur
- For help with Math courses, see your your grade counsellor or Math teacher
- See your grade counsellor / Math teacher if you have questions

## MATHEMATICS 9

You will continue to develop your math competencies in Reasoning & Analyzing, Understanding & Solving, Communicating & Representing and Connecting & Reflecting while extending and broadening knowledge of topics that you have learned up to Math 8. You will learn about other types of rational numbers, be introduced to powers and polynomials, continue to solve complex linear equations through word problems, delve further into graphing on the Cartesian plane, develop spatial reasoning and consider how statistics is used in our society.

## FOUNDATIONS OF MATHEMATICS & PRECALCULUS 10

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for post-secondary studies in both the arts and the sciences. The course will concentrate on algebra, number theory and operations, relations and functions, systems of equations, trigonometry, measurement, and logical reasoning, and will continue to focus on the mathematical processes learned in Math 8 and 9.

## WORKPLACE MATHEMATICS 10

This course prepares students for math in the work place and focuses on real-world applications of mathematics. You will cultivate an understanding of graphs, trigonometry, unit conversions, surface area and volume, data measurements, probability, and different types of income.

## FOUNDATIONS OF MATHEMATICS 11

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include mathematical reasoning, angle relationships, graphical analysis, applications of statistics, scale models, and financial literacy.

## PRE-CALCULUS 11

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary studies in programs that require the study of theoretical calculus. Typically, a student would be planning to enter a college or university in a mathematics, science, engineering, medicine, or commerce program. The main areas of study include the real number system, powers with rational exponents, radical and rational operations and equations, factoring, quadratic functions and equations, inequalities, trigonometry, and financial literacy. This course gives students the graduation requirement in mathematics.

## WORKPLACE MATHEMATICS 11

This course is a part of the pathway designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include proportional reasoning, rate of change, financial literacy, interpreting graphs, 3-dimensional diagrams, and probability and statistics.

## CALCULUS 12

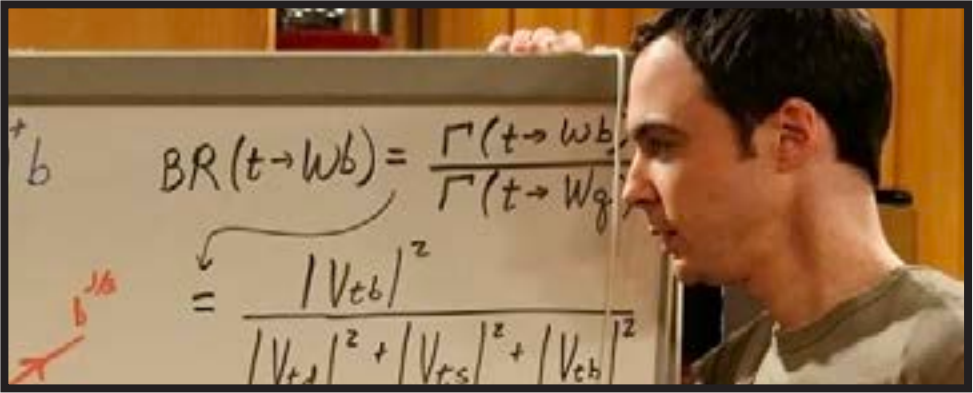
This course is designed to provide students with a preview of a post-secondary differential calculus course and provide students with the mathematical understandings and competencies identified for entry into post-secondary programs that require the study of theoretical calculus. Curricular content includes functions and graphs, limits and continuity, differentiation and its applications, and integration.

## FOUNDATIONS OF MATHEMATICS 12

This course centers around the big ideas of probabilistic thinking, data modelling, financial decisions, and geometric explorations. The topics include geometry, graphical representations, regression analysis, combinatorics, probability, and financial planning. This course is suited for students looking for post-secondary studies in arts and other faculties.

## PRE-CALCULUS 12

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary studies in programs that require the study of theoretical calculus. Typically, a student would be planning to enter a college or university in a mathematics, science, engineering, medicine, or commerce program. The main areas of study include functions and relations, transformations, exponential and logarithmic functions, polynomial functions and equations, and trigonometry.



# SOCIAL STUDIES

## SOCIAL STUDIES 9

Social Studies 9 examines a range of topics that focuses on Canada’s development as a nation and major world events from 1750 to 1919, physical geography of Canada and current events. Students will continue to develop a deeper understanding of the Historical Thinking concepts and skills that include establishing historical significance, identifying continuity and change, analyzing cause and consequence, using primary source evidence, taking a historical perspective, and understanding ethical dimensions of historical events. Key themes explored in this course includes political, social, economic, and technological revolutions, imperialism and colonialism and their immediate and continuing effect on Indigenous peoples and Canada. Students will also learn about conflicts and discriminatory policies and injustices in Canada and the world.

## SOCIAL STUDIES 10

Social Studies 10 is a course that centres around Canada from 1919 to present day. This course offers students the opportunity to explore how Canada has developed socially, politically, economically and, culturally as a nation both at home and on the world stage. Students will further develop their practice and knowledge of Historical Thinking concepts of historical significance, identifying continuity and change, analyzing cause and consequence, using primary source evidence, taking a historical perspective, and understanding ethical dimensions of historical events and current events. Major themes of study include the Canadian political system, Canadian autonomy, Canada identities, Truth and Reconciliation in Canada, advocacy for human rights, discriminatory policies and attitudes, and historical injustices and achievements in Canada and the world. Students will also discover the impact of environmental, political, and economic policies at the local, regional, and global levels.

Senior Social Studies courses are open to students in Grade 11 and 12

## 20TH CENTURY HISTORY 12

This course is the foundation of today’s world and one of the most transformative centuries in human history! Understanding 1917-early 2000s will help make sense of current events, global issues, and your own place in history. This course explores the events, ideas, people, and movements that shaped the modern world. Students will investigate major global conflicts (ex World Wars, the Cold War, the nuclear age), authoritarian regimes (ex North Korea and the Kim Dynasty, Chile and Pinochet, Cuba and Castro), civil wars, decolonization and revolutions (ex Russian Revolution and Vietnam War) and civil and human rights movements (ex USA segregation, apartheid in South Africa, the United Nations). Students will also explore social, cultural, and technological changes that continue to influence our lives. The study of history involves more than the memorization of facts and events; students will learn to think critically and analyze historical evidence, make connection between past events and current global challenges, research topics and share their learning in personalized ways. This course fulfils the Social Studies graduation requirement and can be used towards postsecondary admission requirements.

## BC FIRST PEOPLES 12

BC First Peoples 12 will take both a historical and contemporary approach to First Peoples history in British Columbia. BC First Peoples 12 courses focuses on how the identities, worldviews, and language of First Peoples are renewed, sustained, and transformed through their connection to the land. Students will gain a deeper understanding of how through self-governance, leadership, and self-determination BC First Peoples challenge and resist the effects of colonialism. Students will also explore the how cultural expressions convey the richness, diversity, and resiliency of BC First Peoples. **This course fulfils the Social Studies graduation requirement, BC Indigenous-focused coursework graduation requirement and can be used towards postsecondary admission requirements.**



# MAPLE RIDGE SECONDARY SCHOOL

## COMPARATIVE CULTURES 12

Students will enrich their awareness and sensitivity towards other cultures through the comparative study of various civilizations. Both contemporary and ancient cultures will be studied, and students will understand the basic concepts of art, culture and civilization and their relationships to each other. Some of the following civilizations will be chosen by the teacher for in-depth study: Greco-Roman, India, China, Japan, Europe-Middle Ages to Modern, Asia and the West. Early civilizations – Egypt, Mesopotamia, Indigenous cultures of the Americas – Mayan, Aztec and Inca. Students will acquire an appreciation for the arts, develop open-mindedness based on the understanding of cultures and broaden their perspectives from a world cultural history to thinking and acting as world citizens. **This course fulfils the Social Studies graduation requirement and can be used towards post-secondary admission requirements.**



## CRIMINOLOGY 12

*This elective course counts toward total graduation credits but does not fulfill a Social Studies 11 or 12 requirement.*

Criminology 12 is an elective course that explores the causes of crime and criminal behaviour. Through in-class activities, case studies, news clips, documentaries, and class discussions students will explore the complex relationship between criminal activity, law enforcement, courts, and correctional services. A key focus of the course is understanding why individuals engage in criminal behaviour and investigate psychological, sociological, biological theories, as well other factors that shape and encourage criminal activity. With a strong emphasis on inquiry, critical thinking, and research skills, Criminology 12 is an excellent option for students interested in learning about criminal behaviour, policing, corrections, or a potential career in the criminal justice system. **Students are encouraged to consult post-secondary institutions regarding admission requirements prior to enrollment.**

## GENOCIDE STUDIES 12

After the Holocaust the world promised “Never Again,” but genocides and crimes against humanity continue to occur. Why? Genocide Studies will examine case studies from the 20th and 21st century of the intentional destruction of peoples and their cultures. Students will explore the roots of hatred, discrimination, and oppression, and how these movements can be prevented, resisted, and disrupted. Some examples of case studies include the Holocaust, Cambodia, Rwanda, Namibia, Armenia, and current ongoing genocides. Other topics covered in this course may include: the psychology of a perpetrator, the use of technology to promote and carry out genocide, rules of war, prosecution of war crimes, and related current events. This course may appeal to students interested in a cross-curricular look at history as they apply concepts and skills from psychology, ethics, political science, literature, art, and film to help understand the complexity of genocide. **This course fulfils the Social Studies graduation requirement and can be used towards post-secondary admission requirements.**

## LAW STUDIES 12

Law Studies 12 will encourage students to explore how law shapes and regulates Canadian society. This course will introduce students to the foundation of Canadian law, criminal law, and civil law through examining landmark cases and connecting to current events. Students will develop critical thinking skills by learning how to apply legal reasoning, evaluate different viewpoints, and connect to legal concepts to practical real-life situations. A highlight of the course is a visit to the Supreme Court of British Columbia and Provincial Court of British Columbia in Vancouver. Here students observe court proceedings and gain firsthand insight into how laws are interpreted and enforced. Law Studies 12 is an excellent option for students interested in justice, current social issues, learning about individual rights, or a potential career in the criminal justice system. **Law Studies 12 fulfills the Social Studies graduation requirement and may be used toward post-secondary admission requirements.**

# PHYSICAL EDUCATION

## PHYSICAL EDUCATION 9

This course allows students to learn new games, to develop social skills in the sport milieu, and to have fun. P.E. 9 further develops skills learned in grade 8, introduces new skills and sports, and helps develop habits for a healthier lifestyle.

## PHYSICAL AND HEALTH EDUCATION 10

P.E. 10 introduces different life time sports. There are classes in orienteering, field lacrosse, aerobics, social dance, weight training, basic CPR training, and wheelchair basketball.

## ACTIVE LIVING 11

This course continues to encourage students to have an active lifestyle and prepare themselves for a career in physical education and recreation by having fun playing different sports. Leisure activities include archery, bowling, flag football, paintball, minor games, racquetball, road hockey, skating, skiing & snowboarding, squash, and weight training, hiking, camping, cycling and canoeing. PE 11 counts as 100 hours towards the 300 hours of required physical activity for graduation.

## ACTIVE LIVING 12

Physical Education 12 is designed for students wishing to develop personal leadership skills. Students will continue to play sports and minor games and participate in leisure activities in the community. The activity classes will emphasize outdoor pursuits including kayaking, paddleboarding, tubing and whitewater rafting. Students will be required to be involved in some extra time outside of class time.

## BA PSYCHOLOGY 11

*Psychology 11 is an elective course and will count towards total graduation credits, however, will not count as a Social Studies 11/12 credit.*

Want to improve your life and your relationships with others? If so, this is the course to take. Topics include the following: different perspectives of psychology, positive psychology, learning, mind-body connection, infancy and childhood, career options (including teaching, law enforcement, medical careers, human resources, etc.), adolescence, adulthood, memory, and others. Overall, students of psychology develop an increased awareness and understanding of thought processes and behaviours, helping them better understand themselves and those around them. Psychology 11 and 12 can be taken concurrently.

## BA PSYCHOLOGY 12

*Psychology 12 is an elective course and will count towards total graduation credits, however, will not count as a Social Studies 11/12 credit.*

This course continues as the introduction to selected areas in psychology and aids in the understanding of its role today in our lives. This course focuses on the following topics: theories of personality, the link between stress and health, psychological disorders, therapy and change and social psychology. This course is a base for career areas of teaching, law enforcement, and is a good addition for students interested in medical careers. Psychology 11 and 12 can be taken concurrently with the teacher’s permission.

## AP PSYCHOLOGY 12

*AP Psychology 12 is an elective course and will count towards total graduation credits, however, will not count as a Social Studies 11/12 credit.*

his Advanced Placement course is designed to introduce students to the systematic and scientific study of the behaviour and mental processes of humans and other animals. Students are exposed to the psychological facts and principles, and phenomena associated with each of the major subfields within psychology. Students will get the chance to assess some of the differing approaches adopted by psychologists, including biological, behavioural, cognitive, humanistic, psychodynamic, and sociocultural perspectives. Students will also learn the basic skills of psychology research and develop critical thinking skills. The student’s performance on the College Board Advanced Placement exam will be used by universities to determine whether credit or standing should be granted for 3 credits of Introductory Psychology. Students must achieve a level of 4 or 5 on the exam. The exam costs approximately \$100 US but is optional.

## SOCIAL JUSTICE 12

Do you see injustice and feel passionate about making change? Sign up for Social Justice 12! The aim of Social Justice 12 is to raise awareness of social injustice, to analyse current issues from a social justice perspective, and to gain the knowledge and skills to advocate for a socially just world. The course emphasizes student action, providing opportunities for students to examine social change and implement strategies to address social injustice. Students examine their own beliefs and values through reflection, discussion, and critical analysis. Ultimately, this course empowers students to realize their capacity to create positive change in the school, in the community and around the world. The course culminates with the Social Justice Action Plan, an opportunity for students to be activists for social change at the Social Justice Fair. Topics for study: social justice concepts; social justice heroes; racism and how to be anti-racist; Indigenous peoples; human rights; LG-BTQ+ issues; women and gender roles; poverty; the climate crisis. **This course fulfils the Social Studies graduation requirement and may be used toward post-secondary admission requirements.**



## BA ATHLETIC LEADERSHIP 11 & 12

Athletic Leadership is designed for the student interested in learning about planning, and the organization of school sporting activities and athletic events. The students of this course will be given knowledge and skills and then placed in positions of responsibility where they will have the opportunity to practice and refine their athletic leadership skills. It also allows the student the opportunity to work with peers and coaches of diverse athletic backgrounds and experiences. Students will be involved in planning, organizing, and implementing home tournaments, marketing & promoting of athletics to only name a few. This course is open to students in grade 10-12. Due to the fact that athletic events are scheduled outside of school time, each student will be expected to have flexible hours. Student athletes will be exempt from outside school hours while they are in season for their sport. This course is looking for students who are looking to make a positive difference at MRSS.

## BA PE LEADERSHIP 11: INTRAMURALS

This course is intended to provide students with strong leadership and team building skills. This will enable students to successfully plan, organize, promote and implement a variety of their own lunch hour programs over the course of the school year. Students will develop the skills to become independent, positive leaders who are able to run programs with minimal assistance from their teacher.



# MAPLE RIDGE SECONDARY SCHOOL

## BA PE LEADERSHIP 12: INTRAMURALS

This course is intended to build on the knowledge and experiences taken from intramurals 11. Grade 12 students will work along side, model and peer teach this course to intramural 11 students. Students in intramurals 12 have more responsibilities, therefore, higher expectations of them. This course is intended to provide students with strong leadership and team building skills to prepare them for the ‘real world’ the following year. This will enable students to successfully plan, organize, promote and implement a variety of their own lunch hour programs over the course of the school year. Students will develop the skills to become independent, positive leaders who are able to run programs with minimal assistance from their teacher or employer.

## BA STRENGTH TRAINING 11 & 12

Students wishing to enhance their physical strength, power, speed, and stamina, as well as those students that could utilize improved self image and self esteem are ideal candidates for this course. Students will be challenged physically through strength training and mentally through anatomy and physiology testing.

Units of study include human anatomy & muscle physiology, Olympic lifting, strength & power training via weight, power lifting, sport specific training programs, drug education (i.e. steroid abuse), plyometrics, flexibility training, injury rehabilitation and prevention, and nutrition.

## BA YOGA FIT 11 & 12

Let go of stress, improve your physical wellness and mental health, calm your mind, lengthen your spine and breathe into mindful meditation. Improve your flexibility, balance, body alignment, strength and posture. For the beginner-intermediate student, Yoga Fit also touches upon positive wellness habits and strategies to combat anxiety and depression as well as the importance of proper hydration and sleep to overall health. Treat yourself to Yogafit and the rest of the day will thank you! This course can be very helpful in balancing the stresses and strains of the heavy academic load of grade 11 and 12 as well as other demands such like work and planning for the future.



# LANGUAGES

Acquiring a new language opens the door to a world of new experiences. As students study a new language, they develop an understanding and appreciation of other people, cultures, beliefs, and ways of life, while also developing a deeper understanding of their own culture and personal identity. They learn new ways to think, learn, and communicate with others, and gain a new perspective on their experiences and the world around them. Here at MRSS, we offer three languages for students to choose from; French, Japanese, and Spanish.

The B.C. Core French curriculum aims to support students' development as educated citizens through the achievement of the following goals. Students are expected to

- use French as a form of self-expression
- communicate with purpose and confidence in French
- explore a variety of French-language texts
- appreciate the interconnectedness of language and culture
- expand their understanding and appreciation of other cultures
- deepen their understanding of their first language and of their own cultural identity
- understand the educational, travel, and career opportunities that acquiring an additional language offers
- foster an appreciation of learning languages

## CORE FRENCH 9

This course provides opportunities for students to develop basic skills to communicate and interact in French, with a focus on familiar topics related to their daily lives. Students will begin to develop skills in listening, speaking, reading, and writing by using language learning strategies introduced in the elementary Core French program, and will apply creative and critical thinking skills in various ways. They will learn about diverse French-speaking communities and will begin to develop skills necessary for lifelong language learning.

## CORE FRENCH 10

This course provides opportunities for students to continue to communicate in French about personally relevant, familiar, and academic topics in real-life situations with increasing independence. Students will exchange information, ideas, and opinions with others in guided and increasingly spontaneous spoken interactions. Students will develop their skills in listening, speaking, reading, and writing through the selective use of strategies that contribute to effective communication. They will also increase their understanding and appreciation of diverse French-speaking communities and will develop skills necessary for lifelong language learning.

## CORE FRENCH 11

This course provides extensive opportunities for students to use their communication skills in French and to apply language learning strategies. Students will develop their skills in listening, speaking, reading, and writing by responding to and interacting with French oral and written texts in a variety of real-life contexts, using their creative and critical thinking skills to explore and evaluate information and ideas in the texts. Students will increase their knowledge of the French language through the study of French authors. They will continue to increase their understanding and appreciation of diverse French-speaking communities and will develop skills necessary for lifelong language learning.

## CORE FRENCH 12

This course offers students extended opportunities to speak and interact in real-life situations in French with greater independence. Students will develop a degree of proficiency in their listening, speaking, reading, and writing skills, as well as their creative and critical thinking skills, through responding to and exploring a variety of oral and written texts. They will also broaden their understanding and appreciation of diverse French-speaking communities and will develop skills necessary for lifelong language learning.

## BEGINNER SPANISH 11

This course is an introduction to Spanish for students who wish to pursue a second language. The emphasis will be on developing very basic skills in grammar, and vocabulary through speaking, listening, reading and writing formats. Students are introduced to the cultures of Spanish speaking people. This course is a pre-requisite for Spanish 11.

## SPANISH 11

In Spanish 11 students will expand their vocabulary and grammatical knowledge with the goal of improving communicative skills. Through a deeper examination of Hispanic cultures, students will continue to learn about the traditions and backgrounds of all Spanish speaking countries. Students will be expected to speak and write more often in Spanish. To be successful in this course students should have successfully completed Beginners' Spanish 11. Spanish 11 satisfies the language requirements for entry into all BC Post Secondary Institutions.

## SPANISH 12

Spanish 12 offers students an in-depth study of the grammatical elements of the language. There is greater emphasis on reading and writing skills and spontaneous conversations. Written work includes paragraphs and short compositions or presentations on common topics. The focus is on students using their Spanish skills at a more sophisticated level. To be successful in this course students should have successfully completed Spanish 11. Spanish 12 satisfies the language requirements for entry into Bachelor of Arts programs required by many Post Secondary Institutions.

## BEGINNER JAPANESE 11

The knowledge of the Japanese language is a definite asset if a student plans to become involved in business or tourism in British Columbia.

Oral work, written work, reading and introductions to aspects of Japanese culture are studied in this course. Development of conversational and communicative skills will be emphasized. Beginner's Japanese does not in itself satisfy university entrance requirements.

## JAPANESE 11

This course is a continuation of Intro. Japanese 11 and will qualify you to enroll in Japanese 12. The knowledge of the Japanese language is a definite asset if you plan to become involved in business or tourism in BC. Oral work, written work and reading can be expected, with a particular focus on the development of conversational and communicative skills. Cultural content from Intro. Japanese is reviewed and expanded upon.

## JAPANESE 12

This course has a strong focus on reading and writing. Some study of culture is incorporated into every class as language and culture are inseparable.

Grammar and Kanji (Chinese characters) are studied using the communicative approach: students read, write and sometimes memorize short dialogues and skits from which we draw our grammatical and written knowledge in context.





# MAPLE RIDGE SECONDARY SCHOOL

## FRENCH IMMERSION PROGRAM

By continuing in French Immersion, students maintain and extend their expertise in French. Being part of a specialty program in high school provides meaningful connections for students with their French Immersion peers and teachers while fully experiencing all the other opportunities of the high school environment. This program enables students to build upon their foundation language skills and develop greater confidence in using French with increasing precision and sophistication. Students who complete the program and the grade 12 provincial exam successfully, will receive their bilingual Dogwood certificate.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
REQUIRED	Français Langue 9	Français Langue 10	Medias et Communication Numerique 11	Francais Langue Seconde 12
COURSES	Sciences Humaines 9	Sciences Humaines 10	Communication Orale 11 or	
	Éducation Physique 9	Éducation Physique 10	Histoire 12	
		Arts Visuels en atelier 10		Communication Orale 12
*ELECTIVE	Arts Visuels 9	Etude Des Aliments10		
COURSES	Étude des Aliments 9	BA Musculation 10		
	Photographie 9	Photographie 10		

Grade 9 & 10 students must take at least one of the (\*) optional Immersion courses in grade 9 and grade 10 but may take more than one optional course if desired.

### ART VISUELS 9

In this class, students explore a variety of materials, tools, techniques, and artistic genres that allow them to express their emotions, thoughts, imagination, and ideas to create both traditional and non-traditional artistic projects. They will do so by focusing on beauty and aesthetics, social criticism, nature and the environment, and the perspectives of First Peoples, among others. They will have a final project which they will develop themselves (their choice of subject and medium, upon approval of the teacher). The language of instruction and conversation in this class is, of course, French; the language component is part of the overall evaluation in this course. Students are expected to commit to supporting the French Immersion environment in the Art room.

### EDUCATION PHYSIQUE ET SANTE 9

Students learn new games, develop social skills in the sport milieu, and have fun. P.E. 9 further develops skills learned in grade 8, introduces new skills and sports, and helps develop habits for a healthier lifestyle. In grade 9 students will learn how to canoe.

### CCPT: ETUDE DES ALIMENTS 9

### CCPT: ETUDE SUR L’ALIMENTATION 10

This course is designed to teach students the basic skills and components of food preparation including adaptations of ingredients, techniques and equipment. Safety and sanitation, basic nutritional requirements, and meal planning are all areas of study. Teamwork, attendance, and personal accountability are essential throughout this course as well as sustainability and food waste.

### FRANÇAIS LANGUE SECONDE IMMERSION 9

This course helps students develop proficient oral communication, listening, reading and writing skills. It also initiates the students to the study of literature in French. Activities include the reading of a variety of materials, grammar, oral presentations, and compositions. Required for the course are a French dictionary, an English/French dictionary, and a Bescherelle.

### PHOTOGRAPHIE 9/10

This is an introductory course for students with a desire to learn about the basics of digital photography and design. The camera is now an important part of all our lives and understanding the operational side (Exposure Triangle) is key to unlocking the potential of photography and videography. From work to pleasure, the camera has become a necessary tool in all aspects of life. Students will undertake project-based assignments designed to teach them how to take an interesting photo using a wide range of camera techniques and photography principles. Accepted students will receive an Adobe package as part of the course. Student will be required to produce their own SD Card.



### SCIENCES HUMAINES 9

The second year of high school social studies continues from grade 8 and explores the development of Europe and North America in the time period of 1750 - 1919. One of the themes for this year is the study of revolution and the impact and influence on societies politically, legally and socially. Colonialism, imperialism and nationalism are key concepts explored while learning about economic systems that developed through trade, exploration and settlement in Canada. Additionally, students will study Canada’s settlement and development of political and legal roots and investigate the relationships of British, French and Aboriginal communities. This course explores Canada’s development through pre-Confederation to World War One and the connections between Canada’s natural resources and economic activities.

### ARTS VISUELS EN ATELIER 10

The goal of this course is to introduce a strong foundation in various art mediums that will promote practical experiences and develop technical knowledge. Topics include: art foundations, design principles and elements, painting and drawing, pottery, sculpture and media studies. Students provide their own pencils, eraser, fine tip felt pens, glue stick, pencil sharpener, ruler and pencil crayons for this course. Previous experience NOT required.

### BA MUSCULATION 10

Students wishing to enhance their physical strength, power, speed, and stamina, as well as those students that could utilize improved self image and self esteem are ideal candidates for this course. Students will be challenged physically through strength training and mentally through anatomy and physiology testing. Units of study include human anatomy & muscle physiology, Olympic lifting, strength & power training via weight, power lifting, sport specific training programs, drug education (i.e. steroid abuse), plyometrics, flexibility training, injury rehabilitation and prevention, and nutrition.

### EDUCATION PHYSIQUE ET SANTE 10

Students have opportunities to learn and experience new activities. P.E. 10 introduces different lifetime sports. There are classes in orienteering, field lacrosse, aerobics, social dance, weight training, bowling, and CPR basic training.

### FRANÇAIS LANGUE SECONDE IMMERSION 10

This course is designed to help students develop proficient oral communication, listening, reading and writing skills. Students can also expect to continue the study of literature in French. There is a reinforcement and extension of the knowledge acquired in the 9th grade. Students will read from a variety of materials, practice their grammar, write compositions, and engage in oral presentations. Required for the course are a French dictionary, a French/English dictionary, and a Bescherelle.

### SCIENCES HUMAINES 10

What does it mean to be Canadian? Social Studies 10 examines Canada in the modern era: 1919 to the present. The focus lies in understanding Canada’s development of identity and autonomy socially, politically and economically and culturally as a nation both at home and on the world stage. Additionally students will develop an understanding Canada’s political systems, rights and responsibilities in a democratic society and the importance of Canadian citizenship, including First Nations governance and Truth and Reconciliation in Canada. Students will also explore the impact of economic and political ideologies on public policy and investigate human interactions with the environment.

### COMMUNICATION ORALE 11

In this course, you will develop your ability to think critically and communicate clearly in French. You will respond to a variety of short texts and ideas through journal entries, written reflections, and conversations, learning to express your thoughts with clarity, coherence, and intention. You will regularly take part in spontaneous discussions where you practice sharing relevant ideas and listening actively to others. Possible activities include structured and informal discussions, improvisation, and collaborative exchanges that help you build confidence and fluency when speaking. You will also experiment with how different styles of communication and the use of verbal and non-verbal elements can shape meaning and influence an audience. Through possible projects such as argumentation activities, skits or monologues, you will explore tone, gesture, and delivery to strengthen your oral expression and communicate your ideas effectively in real-world contexts.

### MEDIAS ET COMMUNICATION NUMERIQUE 11

Medias et communication numerique 11 is designed to lead students in exploring, discovering, interpreting, and analyzing the changing role and influence of digital and print media in today’s society. It recognizes that digital literacy is essential to the development of digital citizens. The course will motivate students to reflect critically on how media shapes and influences patterns of behaviour in society, how we communicate, and our understanding of the world. The course offers numerous opportunities for students to demonstrate their understanding and communicate their ideas through a variety of digital media and communications. They will also explore the new possibilities for creative expression provided by digital media. Students will be able to identify ethical, law-abiding social behaviours that can help them make informed decisions.



# MAPLE RIDGE SECONDARY SCHOOL

## COMMUNICATION ORALE 12

This course is designed to help students strengthen the clarity, precision, and confidence of their oral communication in French. Students will engage with authentic texts to compare their own values and viewpoints with those of others, encouraging reflection and deeper critical thinking. Written responses and journal entries will support students in developing clarity and coherence when analyzing ideas. A key focus of the course is sustaining spontaneous discussion. Possible activities include café-philosophy conversations, improvisation, lightning debates, or live podcast-style exchanges, all aimed at helping students share relevant ideas in real time. Throughout the course, students will build ease and confidence when speaking and deepen their cultural connection to the French language. This is where students will be **prepared for the DELF exam by engaging in thoughtful dialogue and active listening while developing a versatile set of communication skills for real-world contexts.**

## FRANCAIS LANGUE SECONDE IMMERSION 12

This course is required to receive a bilingual diploma. The course objective is to help students to integrate and enhance the linguistic competencies and linguistic and cultural knowledge acquired during past learning experiences. French Immersion 12 will enable students to gain an overview of the various factors that shape their bilingual identity. It offers many opportunities for students to deepen their knowledge of themselves and others in a changing world. In addition, students will explore different types and genres of texts, from various sources, that reflect Francophone and First Peoples perspectives. The course will encourage students to use critical and creative thinking to analyze various communication situations and refine their communication skills in diverse contexts in order to achieve their personal and career objectives.

## HISTOIRE DU MONDE AU 20E SIÈCLE 12

This French Immersion course is an opportunity for students to study and research current world developments. The course spans the 20th Century from 1919 to the present and looks at world conflict and challenges through various perspectives. Students will evaluate the significance of nationalism and imperialism and the social, economic, and political effects on the world post-World War I. Students will examine the impact of the Great Depression and World War II. The second half of the course focuses on the development of the Cold War, the United Nations, and Human Rights, and evaluates the role of the superpowers in conflicts and competition throughout this time, ending with the decline of communism in Europe. Additionally, students will also assess the influence of women in political and economic affairs and the impact of Civil Rights.

# MUSIC - INSTRUMENTAL & CONTEMPORARY MUSIC

**Band students are expected to provide their own instruments. Most instruments can be rented for \$10-\$25 per month. A method book, theory program, uniform, and band folder are required (\$50 approximate cost).**

## MUSIC 9: GUITAR

### INSTRUMENTAL MUSIC 10, 11, 12: GUITAR

This is a guitar course well suited for all levels musicians. Students will learn about how to properly use and maintain their guitars, learn a variety of styles from traditional classical guitar to folk style acoustic playing. Students will also learn how to read both tablature and written music notation, finger picking technique and how to strum major, minor, and seventh chords commonly used in popular music genres such as blues, folk, rock, and pop. Students who have already taken guitar or with significant personal experience are recommended to try out the Rock Band course or may register for this course and continue to refine their skills and receive additional individualized assignments. This class will also allow students to dive deeper into large and small ensemble music, covering a variety of genres.

## MUSIC 9: GUITAR ADVANCED

### INSTRUMENTAL MUSIC 10, 11, 12: GUITAR ADVANCED

The Advanced Guitar course is for the strong intermediate to advanced level musician. It is expected students have already taken the guitar course for 1-2 years, and have a solid grasp of playing chord changes in major and minor keys, and able to read rhythmic notation for chords, as well as melodic lines in music notation. This class will dive deeper into large and small ensemble music, covering a variety of genres. The Advanced Guitar class will take part in performance opportunities throughout the year.

## MUSIC 9: CONCERT BAND A.M.

### INSTRUMENTAL MUSIC 10, 11 & 12: CONCERT BAND A.M.

Did you miss the chance to join band in elementary school and still dream of learning that instrument you've always wanted to play, or are you already in band or choir and eager to try something new? It's never too late to join band at MRSS! We are excited to offer a new Beginning Band open to all students in Grades 8–12 who have never played a concert band instrument before, with beginner options including flute, clarinet, alto saxophone, trumpet, trombone, euphonium, tuba, and percussion, while experienced band students interested in learning a new and more advanced instrument may choose from oboe, bassoon, bass clarinet, or French horn. Every effort will be made to place students on their first-choice instrument, though some flexibility may be required to ensure balanced instrumentation for the ensemble. This course provides opportunities for solo and ensemble playing, public performance, and service hours, and will run **Wednesday and Friday mornings from 7:20–8:20 a.m.**

## MUSIC 9: JAZZ BAND P.M. BLOCK

### INSTRUMENTAL MUSIC 10, 11 & 12: JAZZ BAND P.M.

Love music with groove, style, and serious energy? This course is for students who want to dive into the exciting world of jazz, exploring swing, rock, Latin, and funk styles while learning how to play as part of a high-energy ensemble. Students must be enrolled in Concert Band to participate, and the ensemble is open to saxophone, trombone, trumpet, piano, bass, guitar, and drums. Just like any other class, attendance is taken and a letter grade is issued, so commitment matters! This course does not appear on the Grade 8 registration form—students will sign up in September at MRSS. Rehearsals take place **Tuesday and Thursday after school from 3:00–4:00 p.m.**, making this the perfect way to end your day with great music, great people, and great vibes.

## INSTRUMENTAL MUSIC 10, 11 & 12: CONCERT BAND P.M.

The Concert Band is a fun and fast-growing intermediate ensemble designed for students with at least 1–2 years of experience on a concert band instrument who are ready to take their playing to the next level. In this group, students will sharpen their fundamentals, build music-reading and theory skills, and explore more exciting repertoire while developing stronger ensemble techniques. The course includes solo and small-group opportunities, public performances, and chances to earn service hours and tour, all in a supportive and motivating environment. Concert Band is a great fit for Grades 10–12 students who may be newer to their instrument or looking to strengthen their skills, while also stepping into a leadership and mentorship role for younger musicians as they prepare for Wind Ensemble. An added bonus: this course is structured to allow students to take band alongside another elective. Rehearsals run **Monday and Wednesday after school from 3:00–4:00 p.m.**, making it an exciting and flexible way to stay involved in music!

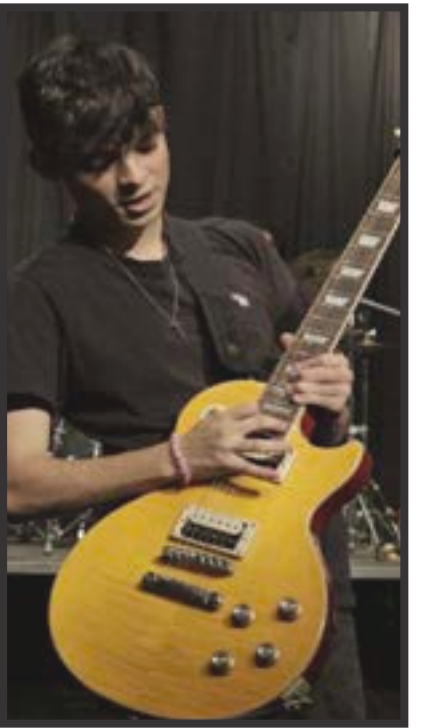
## MUSIC 9: ROCK BAND

### (AKA. INTRODUCTION TO ROCK BAND)

This is a new music course for students in grade 9 who wish to pursue taking our regular Rock Band class in the future but would like to get a solid foundation of basic skills on "Rock" instruments. In this course students will have the opportunity to learn the fundamentals on the core elements of a traditional Rock Band; Guitar, Bass, Drums, Keyboards and Vocals. During full class instruction as well as small group assignments, students will gain a foundational understanding of these instruments, developing independent musical technique, while also working in small groups to put songs together and work towards a blended full band sound. While some previous musical experience is helpful, a total beginner can come into this course and begin learning the skills they need to perform multiple instruments and later apply them to joining a band. Students will also begin learning basic live sound reinforcement skills, and work towards live performance opportunities throughout the year. Upon completion of "Introduction to Rock Band" students should feel confident to continue building upon what they learned in our "Contemporary Music - Rock Band" course throughout grades 10–12. Older students without any musical experience but a desire to play in a Rock Band are welcome to take this class first before diving into the more advanced "Rock Band" course.

## CONTEMPORARY MUSIC 10, 11, 12: ROCK BAND

Have you ever wanted to start your own band, but don't know where to start? This course being offered for students who are highly motivated and do well with a predominately self-directed style of learning, where you can start your own band, and get credit for it too! Students in the Rock Band course will form small ensembles, pick their own material in addition to pieces of music assigned by the teacher, and learn how to read and write lead-sheets, arrange songs, record, and perform their own covers and original music. Instrumentation can generally include (but is not limited to): vocals, bass, guitar, drums, keyboards, and horns. Additional topics such as the history of modern recording, rock, R&B, and pop music, and the social impact on society recorded music has had over the past century will be taught. Students will also learn basic live sound and lighting techniques, basic sound recording to record and produce their own demos and learn the fundamentals of the music business and self-promotion skills. Opportunities for live performance will be a part of this course throughout the year. Please note: This course is not suited for beginner musicians. It is highly recommended that students have already taken at least 1-2 years of guitar, choir, or band, our new "Intro to Rock Band" or have sufficient personal experience demonstrated by audition to enroll in this course.





# MAPLE RIDGE SECONDARY SCHOOL

## MUSIC - CHOIR COURSES

### MUSIC 9: CONCERT CHOIR A.M.

This course provides an opportunity to learn how to sing with good vocal technique, learn basic music reading and take part singing in a variety of music styles. The course is designed to develop each student’s individual musical skills, learn the responsibilities and value of being a member of a musical ensemble and to continue to foster a life-long love of music. You will have two amazing privileges singing in choir: to be affected by performing music with a community of singers with the same goals and to affect; and evoke emotion of those present in your audience. **Rehearsals take place on TUESDAY and THURSDAY mornings from 7:20-8:20 am.**

### CHORAL MUSIC 10, 11 & 12: CONCERT CHOIR TENOR/BASS CHANGED VOICES) NOVUS VOCAL ENSEMBLE

**Offered within the timetable.** This course provides an opportunity to learn how to sing with good vocal technique, learn basic music reading and take part singing in a variety of music styles. The course is designed to develop each student’s individual musical skills, learn the responsibilities and value of being a member of a musical ensemble and to continue to foster a life-long love of music. You will have two amazing privileges singing in choir: to be affected by performing music with a community of singers with the same goals and to affect; and evoke emotion of those present in your audience.

### CHORAL MUSIC 10, 11 & 12: CHAMBER CHOIR P.M. SILVA VOCAL ENSEMBLE

This performance ensemble is for senior choral students who enjoy singing challenging, unaccompanied repertoire of every style. This performance group will sing a variety of repertoire such as classical and contemporary music. The Chamber Choir will require students to learn the basics of a cappella in a comfortable group setting. Not only will students see an increase in performance skills and musicality, but also in self-confidence, presence, and the ability to work as part of a team. It is expected that students who take this course will also be enrolled in Concert Choir. Entry into the course will require a voice placement assessment. **Rehearsals take place on Tuesday and Thursday afternoons from 3:00 – 4:30 pm.**

## COMPUTER COURSES / BUSINESS EDUCATION

The computer department offers courses in a variety of areas including drafting, media design using Photoshop, 3D modelling and animation, and computer programming. By taking these courses, you will learn how to use a computer effectively and acquire a broad range of skills that prepare you for the digital world.

Students who successfully complete at least 3 courses senior courses (grade 11/12) in this area with a grade of 75% or higher, and including at least one at the grade 12 level, are eligible to apply for the **Digital Skills Certificate in their graduating year. Eligible courses include Photoshop 11/12, Drafting 11/12, 3D Modelling and Animation 11/12, Computer Programming 11/12, Yearbook 11/12 (see Art Section), Photography 12 (see Art Section).**

### COMPUTER STUDIES 10

An introductory course that exposes students to a wide variety of areas that will help them succeed in a computerized world. You will gain general purpose knowledge on how to use a computer effectively including the storage and transfer of data, how to manage a computer file system, and how to work with cloud storage. This course is divided broadly into units of photo editing, computer graphics, modelling and design, and computer programming so that students can experience a variety of areas related to computing. Though not required, it is recommended to take this course before signing up for a senior level course. This course is open to students in grades 9 or 10.

### DRAFTING 10

An introductory course to drafting and design. In this project-based course, students learn to create scale models of real-world objects using software including SketchUp and AutoCAD. Students will create models of both mechanical objects and architectural plans to the correct size and proportion. This course is open to students in grades 9 or 10.

### 3D MODELLING AND ANIMATION 11 & 12 (COMPUTER INFORMATION SYSTEMS 11 & 12)

3D modelling is used in various careers including the movie industry, video game industry, construction, and design. One only has to think of movies like Avatar or Toy Story to see the use of 3D characters and animation in our lives today. In this course we develop skill in the creation of 3D models and characters using industry-standard software like Maya and Mudbox. Students start by building fundamental modelling skills, and then apply those skills in their own creations. Students can then turn their models into animated videos using Adobe After Effects.

### ACCOUNTING 11

This course is useful for anyone interested in the world of business and essential for everyone interested in finance and accounting. As an introduction to bookkeeping procedures and accounting concepts, this course allows students to be aware of and capable of completing the basic accounting cycle and financial statements for a small business. Students who enjoy careful, detailed work with numbers and forms will enjoy taking this practical hands-on course.

### COMPUTER PROGRAMMING 11 & 12

In recent years, the video game industry has exploded to become much larger than the movie industry. You will have the opportunity to learn what goes on behind the scenes of your favourite app or game. In this course, students start by learning the fundamentals of text-based programming in Java. Then, apply that knowledge to make a variety of popular and classic 2D games in C# on the Unity platform. Past games include Pong, Space Invaders, Asteroids, Tower Defense, Mini Golf, and Cards. Students interested in math, engineering, or hard sciences at the college or university level would greatly benefit from these courses. No previous coding experience is required.

### CHORAL MUSIC 10,11 & 12: CONCERT CHOIR A.M. AURORA CONCERT CHOIR

This course provides an opportunity to learn how to sing with good vocal technique, learn basic music reading and take part singing in a variety of music styles. The course is designed to develop each student’s individual musical skills, learn the responsibilities and value of being a member of a musical ensemble and to continue to foster a life-long love of music. You will have two amazing privileges singing in choir: to be affected by performing music with a community of singers with the same goals and to affect; and evoke emotion of those present in your audience.

**Rehearsals take place on Wednesday and Friday mornings from 7:20-8:20 am.**

### CHORAL MUSIC 10, 11 & 12: CONCERT CHOIR: (SOPRANO/ALTOS UNCHANGED VOICES) CAELUM CHORALE

**Offered within the timetable.** This course provides an opportunity to learn how to sing with good vocal technique, learn basic music reading and take part singing in a variety of music styles. The course is designed to develop each student’s individual musical skills, learn the responsibilities and value of being a member of a musical ensemble and to continue to foster a life-long love of music. You will have two amazing privileges singing in choir: to be affected by performing music with a community of singers with the same goals and to affect; and evoke emotion of those present in your audience.

### MARKETING AND PROMOTION 11

This course looks at basic marketing principles including advertising, promotion, display, product development, packaging and branding. Students earn valuable experience in school based projects. Students will focus on discovering ways to marketing themselves, a product and a service through the course of the year. Marketing 11 is a must for students interested in business, entrepreneurship, or looking for a practical way to apply their creativity.

### MEDIA DESIGN 11: RIDGE TV

This NEW course centers around creating digital content for our MRSS school community for 13 Smart TV’s on the Ridge TV network. You will learn to effectively design digital announcements for all our sports teams, clubs, special events, each grade, spirit weeks, grad class, field trips, and more! A combination of different mobile apps will be used, therefore bringing your own smart phone every day to class is a requirement. Course content will focus on learning how to professionally communicate information for all students to know what’s happening at MRSS and how do get involved in school life.

### PHOTOSHOP 11 & 12 (AKA: MEDIA DESIGN 11 & 12)

Photoshop is an incredibly powerful program for manipulating images to create astounding pieces of digital artwork. In this course we will explore the ways Photoshop can be used to make stunning art effects that are not possible using traditional art techniques. Not only can this can be a lot of fun and great for personal interest, but this course can help you develop marketable skills for employment. There are a growing number of careers that require Photoshop skill including movie production, game development, publishing,



### DRAFTING 11/12

Students learn the fundamentals of technical drawing using AutoCAD, the industry-standard software for drafting and design. Then, move onto designing and creating precise models that will come to life in an architectural rendering program or that can be printed out on a 3D printer. Learn the principals of scale and proportion by making mass models of real-world objects such as buildings, bridges, and other mechanical parts. As students progress, they will tackle more complex, multi-part design projects. This course provides students with the background needed for both mechanical and architectural CAD design.



# MAPLE RIDGE SECONDARY SCHOOL

## ACCOUNTING 12

Continuing with the basic Accounting Cycle learned in Accounting 11 (transactions and source documents through adjusted trial balances), Accounting 12 explores the special procedures for cash (including preparation of cash flow statements), merchandising businesses, subsidiary ledgers, and alternative business structures. Accounting 12 provides a huge advantage for students pursuing post-secondary business studies.

## E-COMMERCE 12

This is a hands-on course that involves managing our three businesses in the school - The Caf'Eh, Ram Shop and Penalty Box. Students work closely with the Marketing 12 teacher, Ms. Trudeau, in overseeing the running of all aspects of these independent businesses. Students must be capable of working independently and have the opportunity to schedule this class into any block of their timetable. This course open to students in grades 11-12 with mandatory permission by Ms. Trudeau. Entrepreneurship/Marketing 12 is recommended as a pre-requisite.

# DRAMA

## DRAMA 9

Drama 9 introduces students to the fundamentals of theatre through play, creativity, and collaboration. Students build confidence as performers while learning basic acting tools and theatre vocabulary in a supportive, low-risk environment.

Students will:

- Participate in ensemble-building games and activities
- Explore improvisation and basic scene work
- Learn how to create characters using voice, body, and imagination
- Develop active listening and collaborative communication skills
- Be introduced to foundational theatre styles and storytelling techniques

No previous drama experience is required. Drama 9 emphasizes participation, risk-taking, and teamwork while helping students grow as confident communicators and creative thinkers.

## DRAMA 10

Drama 10 builds on foundational skills by focusing on character development, storytelling, and theatrical styles from around the world. Students deepen their understanding of how theatre communicates ideas, emotions, and themes.

Students will:

- Create and perform short scenes and monologues
- Explore physical theatre, improvisation frameworks, and ensemble storytelling
- Learn about selected theatre traditions (e.g., Greek Theatre, Commedia dell'Arte, Devised Theatre)
- Experiment with movement, voice, and staging to support character and story
- Reflect on their creative process and performance growth

Drama 10 encourages students to take creative risks, make purposeful choices, and work collaboratively to bring stories to life.

## DRAMA 11

Drama 11 explores theatre as a reflection of culture, history, and social change. Students study influential theatre traditions and practitioners while applying techniques to contemporary performance work.

Students will:

- Study global theatre forms and historical movements
- Analyze how theatre styles influence modern performance
- Create original scenes inspired by traditional and contemporary theatre practices
- Develop acting techniques such as chorus work, stylization, realism, and direct audience address
- Engage in reflection, peer feedback, and performance analysis

Drama 11 emphasizes connection; between past and present, performer and audience, and theatre and the world around us.

## DRAMA 12

Drama 12 is a senior-level course focused on artistic voice, leadership, and original creation. Students synthesize their learning to devise, rehearse, and perform meaningful theatrical work.

Students will:

- Devise original theatre pieces individually and collaboratively
- Explore advanced performance styles and contemporary theatre forms
- Apply rehearsal techniques, feedback, and revision processes
- Examine theatre as a tool for storytelling, advocacy, and reflection
- Present a culminating performance or capstone project

Drama 12 supports students in becoming confident creators, thoughtful collaborators, and reflective artists, preparing them for future studies, creative industries, or any field requiring strong communication and teamwork skills.

## ENTREPRENEURSHIP 12

For creative people and those who want to be self-directed learners and interested in furthering their entrepreneurial projects or developing entrepreneurial skills. Entrepreneurs imagine new or better ways of doing things to help others or fulfill people's unmet needs or wants. As well, business ownership has been the greatest means of acquiring wealth. Entrepreneurial skills can make those desires a reality. Whether a person is a social entrepreneur (those admirable people who start organizations that educate or benefit society) or a business entrepreneur, they all are inventors - they invent business ventures that work successfully.

## MEDIA DESIGN 12: RIDGE TV

This NEW course centers around creating and helping produce digital content for our MRSS school community for 13 Smart TV's on the Ridge TV network. You will learn to effectively lead a team to design digital announcements for all our sports teams, clubs, special events, each grade, spirit weeks, grad class, field trips, and more! A combination of different mobile apps will be used, therefore bringing your own smart phone every day to class is a requirement. Course content will focus on learning how to professionally communicate information for all students to know what's happening at MRSS and how do get involved in school life.

## MUSICAL THEATRE: MUSIC 9

## MUSICAL THEATRE 10, 11 & 12

Musical Theatre 9-12 is a collaborative, hands-on course that welcomes students with a wide range of interests and strengths: from performance to design and from technical skills to hands-on building.

This course is not just for singers or actors. Students can contribute through:

- Performance (acting, singing, movement)
- Set construction and woodworking
- Props creation
- Costume design and construction
- Lighting and sound
- Stage management and production leadership
- Marketing, dramaturgy, and creative planning

Students explore musical theatre through history and contemporary productions, learning how acting, music, design, and technical elements work together to tell a story. Classes emphasize teamwork, problem-solving, creativity, and communication, mirroring how real theatre productions operate.

Depending on the year, students may work toward a full-scale musical, contributing in their chosen interest area while also gaining an understanding of the entire production process: from script analysis and design concepts to rehearsal and performance.

No prior theatre or musical experience is required. Curiosity, commitment, and collaboration are key.

## DIRECTING & SCRIPT DEVELOPMENT 11/12

Directing & Script Development is a hands-on course for students interested in guiding and creating theatre from behind the scenes. This course explores how directors and playwrights shape stories, characters, and performances, while developing strong collaboration and leadership skills.

Students will:

- Analyze scripts and explore storytelling techniques for stage and screen
- Experiment with adaptation, improvisation, and original writing
- Learn the tools of directing, including staging, blocking, ensemble work, and pacing
- Collaborate with peers to bring scenes or short productions to life
- Reflect on creative choices and provide constructive feedback

Students gain experience in both creating original material and interpreting existing works, developing skills in artistic vision, teamwork, and problem-solving. This course is ideal for students who are interested in directing, playwriting, dramaturgy, or leading creative projects. No prior directing or writing experience is required, students with curiosity, imagination, and a desire to lead in creative processes will thrive.

## THEATRE PRODUCTION 9-12

Theatre Production 9-12 gives students the opportunity to create the behind-the-scenes magic that makes live theatre possible. This course is perfect for students interested in hands-on, technical, design, or organizational roles, and welcomes all skill levels.

Students explore:

- Set design and construction (including woodworking, painting, and scenic design)
- Props creation and management
- Costume design, construction, and maintenance
- Lighting, sound, and stage technology
- Stage management and production organization
- Marketing, publicity, and creative planning for productions

Students work collaboratively to support any theatre productions, learning how each element of production contributes to telling a story. The course emphasizes problem-solving, teamwork, time management, creativity, and technical skill, while giving students a real-world understanding of how a theatre production is run from start to finish.

No prior theatre experience is required; students with artistic, technical, organizational, or leadership interests can all contribute to the success of the production.



# MAPLE RIDGE SECONDARY SCHOOL

## ART

### VISUAL ARTS 9

This course offers the building of skills and experience to enable students to continue in the study of art for personal enjoyment, or to pursue eventual employment opportunities in the field. The major aim is to explore the nature of the principles and elements that form the basis of two and three dimensional works of art. Areas of study include art foundations, art criticism, and design principles and elements. Activities include sculpture, print making, pottery, painting and drawing using ink, pastel, paint, pencil, chalk. Students provide their own pencils, eraser, wax crayons, fine tip felt pens, glue stick, pencil sharpener, ruler and pencil crayons for this course.

### VISUAL ARTS 9 3D

This course provides students with an introductory understanding in Ceramics and Sculpture. Activities include the making of functional wheel and hand-built pottery projects. Students have the opportunity to complete sculptural projects using wood, plaster, paper and clay. Students require an apron.

### ART STUDIO 10

The goal of this course is to introduce a strong foundation in various art mediums that will promote practical experiences and develop technical knowledge. Topics include: art foundations, art criticism, design principles and elements, painting and drawing through various mediums, pottery, print making, and sculpture. Students provide their own pencils, eraser, wax crayons, fine tip felt pens, glue stick, pencil sharpener, ruler and pencil crayons for this course.

### FILM AND TELEVISION 10

If you enjoy watching movies, this is the class for you! Film and Television 10 is about learning to understand film in an informed and critical way. Students will watch 10-15 movies over the duration of the course. We will examine film genre and format, production techniques, camera work, acting strategies, as well as the social and cultural messages contained in movies. A great class for anyone interested in the movie industry, cinematography, special effects, and acting.

### ART STUDIO 11

This course is designed for students to acquire and refine the skills necessary for further study in art. Students will be strongly encouraged to develop a portfolio of works which could lead to the admission to post secondary art programs. Topics covered are foundation skills, sculpture, design principles and elements, art criticism, painting and drawing, art history, print making, silk-screening, and pottery.

### FILM AND TELEVISION 11/12 (VIDEOGRAPHY)

Theatre Production 9-12 gives students the opportunity to create the behind-the-scenes magic that makes live theatre possible. This course is perfect for students interested in hands-on, technical, design, or organizational roles, and welcomes all skill levels.

Students explore:

- Set design and construction (including woodworking, painting, and scenic design)
- Props creation and management
- Costume design, construction, and maintenance
- Lighting, sound, and stage technology
- Stage management and production organization
- Marketing, publicity, and creative planning for productions

Students work collaboratively to support any theatre productions, learning how each element of production contributes to telling a story. The course emphasizes problem-solving, teamwork, time management, creativity, and technical skill, while giving students a real-world understanding of how a theatre production is run from start to finish.

No prior theatre experience is required; students with artistic, technical, organizational, or leadership interests can all contribute to the success of the production.

### MEDIA ARTS 11

This course examines aspects of photography, digital creativity, video and advertising. The is designed for students who are creative and disciplined to explore and expand their media skills. The class begins with understanding photographic elements of design. The course then focuses on creating digital works such as logos, posters, and marketing topics. Throughout the year students will learn about current advertising trends. The class concludes with the creation a of a short animation film and learning to use green screen technology. Students are not required to have their own equipment.

### STUDIO ARTS 2D 11

This course allows students further exploration into the study of drawing and painting, and is an opportunity to develop a diverse portfolio for post secondary entrance. Students will learn about design principles and elements, illustration, painting (water colours and acrylics), airbrushing, drawing, and cartooning. Students provide their own pencils, eraser, fine tip felt pens, glue stick, water colour brushes, pencil sharpener, rulers, and pencil crayons.

### STUDIO ARTS 3D 11

This class enables the student to develop a life skill and to also give individuals a strong basis for further study in 3 dimensional art. Credit from this course will fulfill both Applied Skill and Fine Arts requirements for graduation. Emphasis will be on the elements and principles of design and how they relate to 3 dimensional design. Hand built and wheel thrown pottery will also be instructed. Other activities include various decorative techniques, and sculpture (clay, plaster, wax, paper and metal). Material costs for take-home projects.

### GRAPHIC PRODUCTION: YEARBOOK 11 & 12

This course will run on a linear basis - you will take this course for the entire school year.

If you are interested in producing a book of memories for your fellow students, then Yearbook might be the course for you. Yearbook provides excellent opportunities to learn photography, writing and page design skills and gain experience using Photoshop and Canva, computer applications used by professional graphic artists. Yearbook also provides opportunities in the areas of teamwork, leadership and working to deadlines.

**Students are expected to work after school hours to meet deadlines. The selection of students for yearbook class will be based on students being able to prove their dependability, thoroughness, and creativity.**

There are 2 divisions in this class: photography & event planning, and graphic design and book development. Students should have a discussion with the Yearbook Coordinator(s), Teacher(s). Students taking this course will may qualify for a MRSS Digital Arts Certificate depending upon other Computer / Business Ed courses taken.

### ART STUDIO 12

This course is for students who are interested in art as a profession. The preparation of a portfolio for the admission to post secondary art programs is greatly emphasized in this course. Activities include painting and drawing, printmaking, etching, silk-screening, and embossing. Students will learn design principles and elements, hand built and wheel pottery, art history, art criticism, sculpture, and art foundation.

### MEDIA ARTS 12

This course examines aspects of photography, digital creativity, video and advertising. The is designed for students who are creative and disciplined to explore and expand their media skills. The class begins with understanding photographic elements of design. The course then focuses on creating digital works such as logos, posters, and marketing topics. The course culminates with students understanding and develop projects-based work: stop motion, biographies, short film, etc. Students will be introduced to fundamentals into how to produce a movie, filming techniques, record audio, control lighting, editing and dubbing videos. The class concludes with the creation a of a short animation film and learning to use green screen technology. Students are not required to have their own equipment. Students taking this course will may qualify for a MRSS Digital Arts Certificate depending upon other Computer / Business Ed courses taken.

### PHOTOGRAPHY 10 (INTRODUCTION) PHOTOGRAPHIE 9/10 (FRENCH IMMERSION)

This is an introductory course for students with a desire to learn about the basics of digital photography and design. The camera is now an important part of all our lives and understanding the operational side (Exposure Triangle) is key to unlocking the potential of photography and videography. From work to pleasure, the camera has become a necessary tool in all aspects of life. Students will undertake project-based assignments designed to teach them how to take an interesting photo using a wide range of camera techniques and photography principles. Accepted students will receive an Adobe package as part of the course. Student will be required to produce their own SD Card.

### PHOTOGRAPHY 11 & 12

This is an advanced course for students with a desire to learn the technical aspects of photography and graphic design. The class content will cover aperture, shutter speed, I.S.O., and a wide range of camera techniques. In addition to technical lessons, students will have many creative photography assignments. Students must have their own digital cameras with manual controls. This class is ideal for those wanting to persue post secondatu studies in marketing, photography, or digital design. Students must have completed Photography 10 and or have prior acceptance from the program coordinator. Students taking this course will may qualify for a MRSS Digital Arts Certificate depending upon other Computer / Business Ed courses taken.

### PHOTOGRAPHY 12 (ADVANCED)

This is an outside the timetable studio class where students produce professional quality photography of their own choosing with some guidance from the instructor. . This is an invite only class or a class that students need experience and prior approval from the program coordinator. While there is some technical instruction, most of the assignments are about creating artistic photography and developing a personal portfolio for self, post-secondary or employment purposes. . Many students in this course will be producing portfolios with the goal of attending post-secondary art institutions or to work in the photography/film industry. Students must have their own digital cameras with manual controls. Students taking this course will may qualify for a MRSS Digital Arts Certificate depending upon other Computer / Business Ed courses taken.

### STUDIO ARTS 2D 12

This course provides experienced art students with the opportunity to study further to prepare portfolios for post secondary institutions or employment. Emphasis will be on the elements and principles of design and how they relate to 2 dimensional design. Advanced techniques in fine arts, illustration, and cartooning will also be covered. Students provide their own pencils, eraser, fine tip felt pens, glue stick, water colour brushes, pencil sharpener, rulers, and pencil crayons.

### STUDIO ARTS 3D 12

This course is designed to give students a foundation which will enable further study at the post secondary level. Emphasis in this course will be on the elements and principles of design and how they relate to 3 dimensional design. Advanced techniques in pottery and sculpture will also be examined and practiced. There will be some costs for take-home projects.





# MAPLE RIDGE SECONDARY SCHOOL

## HOME ECONOMICS

### FOOD STUDIES 9

This course is designed to teach students the basic skills and components of food preparation including adaptions of ingredients, techniques and equipment. Safety and sanitation, basic nutritional requirements, meal planning and ethical issues are all areas of study. Group work is an essential component. Themes include breakfast, lunch, dinner and snacks. An apron is required for this course.

### FOOD STUDIES 10

This hands-on course is designed to further student knowledge and skills in preparing and serving food. Safety and sanitation, nutritional requirements linked to the individual’s well being, meal planning and the impact of global food systems are all areas of study. This course includes the opportunity to take the government sponsored “Food Safe” program which is essential for working in the food / hospitality industry. Highlights of this course include fresh pasta, cast iron cooking, and lemon meringue pie. Group work is an essential component. An apron is required for this class. No prior experience needed.

### CULINARY ARTS 10 A, B, C

This is an introductory course providing students with entry level training and commercial culinary arts experience. Students gain experience and work co-operatively in the preparation of food for the school cafeteria. Students will work to receive their Foodsafe certification. Units of study will also include: kitchen safety, vegetable cookery, hygiene and sanitation, desserts- baking, pastry, food service occupations, control of food waste, receiving and storage of foods, control of food cost, menu planning/portion control, meat cutting - fish, poultry, basic sauces, soups and stocks, basic salads and sandwiches, selection of recipe/converting recipes, First Peoples Food and Local Agriculture.

### CULINARY ARTS 11 A, B & C

This course provides students with training and experience in marketable skills useful in a variety of commercial food services. It is also a great course for anyone who simply loves food and enjoys cooking. Students gain culinary experience and work co-operatively while preparing food served to the school in a fully commercial environment. Students will work to receive their Foodsafe certification. Units of study also include: kitchen safety, vegetable cookery, hygiene and sanitation, desserts- baking, pastry, food service occupations, control of food waste, receiving and storage of foods, menu planning/portion control, meat cutting - fish, poultry, basic sauces, soups and stocks, basic salads and sandwiches, First People’s Cuisine and local agriculture. Upon successful completion of Culinary Arts 11, students will gain the equivalent of three grade 11 credits. Multiple classes are available to those who are interested.

### FOOD STUDIES 11

This course provides the opportunity to develop greater skills in planning, adapting, preparing and serving food with an emphasis on presentation and nutrition for individuals and family. Students will practice multicourse meals and advanced food preparation methods. Students will explore skills and techniques through global cuisine. Students will also learn about food security, food labelling and policy around marketing practices as well as food guide processes. Highlights include chicken cordon bleu, French onion soup, scones and tea and Christmas Yule log decorating. Group work is an essential component. An apron or chef jacket is required for this course. No prior experience is needed.

### FOOD STUDIES 12

Students learn and practice advanced methods of food preparation, and multi course meals. This is a hands on course and prior experience is not required. Explore the high end techniques and skills through the theme of global cuisine. Students will also learn about food justice, regulations and factors that influence food safety, food production and food policies. Highlights include wonton soup, bread design, butter chicken and naan, chicken kebabs, tzatziki and pitas, and more. Group work is an essential component. An apron or chef jacket is required for this course. No prior experience required.

### CULINARY ARTS 12 A, B & C

While this class will provide the opportunity for students work towards a career or employment in the culinary arts industry and ready students for post secondary culinary training, this course is also perfect fit for any student who is a foodie at heart and anyone who is interested in learning to cook like a chef. Students will work to receive their Foodsafe certification. Units of study also include: kitchen safety, vegetable cookery, hygiene and sanitation, desserts, baking, pastry, food costs, food service occupations, control of food waste, receiving and storage of foods, menu planning/ portion control, meat cutting - fish, poultry, basic sauces, soups, and stocks, basic salads and sandwiches, selection & conversion of recipes, First People’s Cuisine and local agriculture. Upon successful completion of the course the student will earn the equivalent of three grade 12 credits. Multiple classes are available to those who are interested. There are no pre-requisites to take this course.

### TEXTILES 9

This is a project-based course and prior experience is not required. Learn to use the sewing machine, serger, and cover-lock machines as well as other tools of clothing production. Students will learn pattern adjustment and design fundamentals and apply them to the clothing they choose to create. Possible projects include pj shorts/pants, stuffed animals, bags, pull-over hoodies, hand or machine embroidered pencil cases and pillow cases, t-shirts, skirts, dresses, sweatpants, recycled/up-cycled clothing and accessories.

### TEXTILES 10

Enhance your skills or learn to use the sewing machine, serger, and cover-lock machines as well as other tools of clothing creation. Areas of learning focus on fitting and pattern adjustment, design fundamentals, wardrobe planning, as well as practicing and expanding on sewing techniques and up-cycling skills. Possible projects include teddy bear/stuffed animals, zippered hoodie, skirts, jean/board shorts, dresses, bags, quilts, crocheting, knitting, embroidery and accessories. This is a project-based course and prior experience is not required. This course fulfills applied skill requirements for graduation.

### TEXTILES 11

Build on your skills and learn new ones to create unique clothes and accessories. Use all textile machines (serger, sewing machine, cover-lock and embroidery machine) and hand sewing techniques to create unique garments and textile items. Projects are usually chosen by the student in consultation with the instructor but often include a jacket/blazer, bags, jeans/ pants, bathing suits, dresses, quilts, and knit or crochet items like scarves, headbands and little stuffed animals. This is a project-based course and prior experience is not required. Student creativity and ideas for projects are encouraged. This course fulfills applied skill requirements for graduation.

### TEXTILES 12

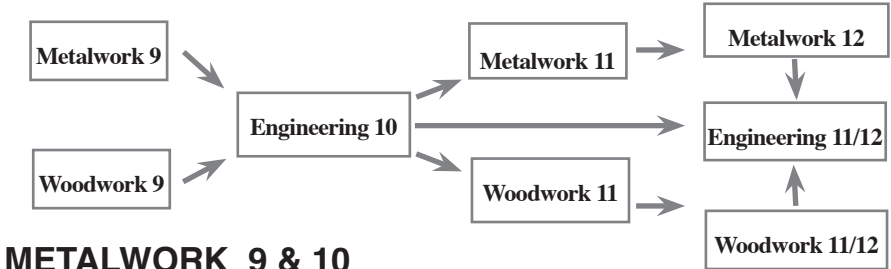
Make interesting and useful projects by manipulating commercial patterns as well as learning to pattern draft. Use all textile machines (serger, sewing machine, cover-lock and embroidery machine) and textile tools to create unique and complex garments and accessories. Projects are usually chosen by the student in consultation with the instructor but often include 3 piece outfits, lined winter coats, stuffed animals, quilts and grad dresses. Student creativity and ideas for projects are encouraged. This is a project-based course and prior experience is not required. This course fulfills applied skill requirements for graduation.

### BA TEXTILE ARTS AND CRAFTS 11

This is a project-based course and prior experience is not required. Students will use a variety of craft and sewing tools to make a wide range of projects. Apply the basic principles and elements of art and design to create needlework (cross stitch, embroidery), yarn arts (knitting, crochet), quilts, up-cycled accessories, macrame, and soft sculpture (stuffed animals). Projects are usually chosen by the student in consultation with the instructor.

## INDUSTRIAL EDUCATION

Prospective Engineering students should consider the following course path:



### METALWORK 9 & 10

This is a general interest course where students begin by exploring hand tools and processes of metalworking. Students will then be introduced to machining metal with drill presses, lathes, and milling machines. Welding is also covered within this course. Projects may include a whistle, yo-yo, hammer, bottle opener, welded dice, collapsible shovel, and more. Areas of development and focus include measurement, basic hand skills, sheet metalworking, methods of joining metals, finishing methods, and design. This course may have material costs for projects.

### DRAFTING 10, 11 & 12

The courses in this area cover drafting fundamentals and construction using 2-D and 3-D CAD programs. It provides students with the background needed for both mechanical and architectural CAD design.

### ENGINEERING I - 10 (AKA: ENGINEERING 10)

This course runs in the metal shop and is primarily project based. Students can take this course once, either in grade 9 or 10. A previous metalwork or woodworking course is recommended, but not required. Possible projects include - bridge building and testing to failure, hydraulic robot arms, siege engines (and other types of engines), or bottle rockets. You will be introduced to concepts such as reverse engineering, hydraulics, pneumatics, electricity/electronics, mechanical systems, method of mechanisms, strength of materials, and aspects of physics like G-forces, friction, aerodynamics, and projectile motion. This course may have material costs for some projects.

### ENGINEERING II - 11 & 12 (AKA: ENGINEERING 12)

No prior experience is required for grade 11s or 12s to take this course. All work is done in the metal shop, and is primarily project based. The course is designed to be interesting and fun for anyone who likes to break, fix, investigate, problem solve, or build. Projects may include bridge building and testing to failure, hydraulic robot arms, siege engines (and other types of engines). Concepts such as reverse engineering, logic coding, hydraulics, pneumatics, electrical / electronics, mechanical systems, method of mechanisms, and strength of materials will be studied, along with aspects of physics like g-forces, friction, aerodynamics, and projectile motion. This course may have material costs for projects.

### METALWORK 11 & 12

No prior metalworking experience is required for this course. This is a general interest course where students make projects while at the same time expanding their knowledge in the trades area. Activities for this course include benchwork, forge work, metal lathe, arc welding, oxy-acetylene welding, using the milling machine, sheet metalwork and jewelry making. This course may have material costs for projects depending upon student choices. Basic costs are covered.

# MAPLE RIDGE SECONDARY SCHOOL

## WOODWORK 9

This is an introductory woodworking course. This is primarily a “hands on” course where you will learn basic shop safety, general shop procedures, design & dimensioning, and the use of all hand and power tools in the woodshop. Upon successful completion of Woodwork 9 students will be able to safely use general hand tools, and woodworking power tools. Students will quickly build their woodworking skills while they accomplish the construction of six mandatory projects: Wood Robot/Critter, Phone holder, unique Cutting board, Finger joint storage box, Drink Caddy, and a Folding Table. If time allows students may make a hat rack, scroll saw project, mallet, bowl, or stepping stool.

## WOODWORK 10

This is primarily a “hands on”, intermediate woodworking course. Students will use the knowledge acquired in Woodwork 9 and add valuable machine and power tools skills to design and fabricate small furniture items. Students will also learn basic cabinet making procedures using plywood edged in solid wood. Upon successful completion of Woodwork 10, students will be able to use all the tools safely and comfortably in the wood shop. Students will quickly build on their woodworking skills while they accomplish the construction of three mandatory projects: Wooden spoon, unique cutting board with inlay, and a side table. Students are expected to design and create one self-directed project.

## INTEGRATED WOOD / METAL: 11 & 12

This course requires students to have one year prior experience in either a wood or metal course. Projects will require students to learn and work in BOTH the woodshop and metal shop throughout the year, and will incorporate BOTH metal and wood in their construction. Design will be an important component of each project, and the intention is for high quality results. The technology in both shops is expected to make up a large part of the build-experience, this could include computer 3D modelling, 3D printer, laser burner, CNC plasma cutter, electric welding, and everything else the shops provide. Projects could include designer quality mixed-material tables, shelving, wall art, or other personal effects. Be prepared to cover costs due to material expenses.



## WOODWORK 11 / 12

An advanced “hands-on” course focusing on millwork, cabinet & furniture making. Students will use the knowledge acquired in lower-level woodworking courses and add valuable machine and power tools skills to design and fabricate furniture. Students will build on their experience and knowledge in the use of hand tools, machines, shop safety, procedures, design, dimensioning, stock selection, and pricing. Students will contribute to one shop/school upgrade project. Students are expected to design and create one larger self-directed project. If time allows students may make additional projects.

## POWER TECHNOLOGY 10

Power Tech 10 is an ADST course that focuses on power and energy transfer systems. In a hands-on format, learning includes automotive systems, assembly and disassembly, repair and maintenance energy transmission and alternative energy sources. This is a great course for students looking to get their L or N soon to be aware of how their car works as well as students wanting to take further automotive courses in the future.

## AUTOMOTIVE TECHNOLOGY 11

Everyone should know the basics of an automobile and be in control when you need repairs on your car. Students will learn the basic systems in the modern automobile as well as gain the skills to maintain their cars so their cars perform efficiently and safely. You, not the service writer, will decide the most appropriate, cost effective repair for your car. Keep your hard-earned dollars in your pocket and take Auto 11.



## AUTOMOTIVE TECHNOLOGY 12

This course focuses on advanced concepts in automotive technologies including mechanical systems, inspections and diagnostic methods as well as serviceability, overhaul, repair and remove and replace. Students also learn about career opportunities in the field.

# STUDENT SERVICE COURSES

## CIRCLE OF INDIGENOUS YOUTH AND ALLIES 10, 11 & 12

**This course will run on a linear basis - you will take this course for the entire school year meeting once per week at lunch.** Multiple situations outside of class time, revolving around team actions are expected to be fulfilled to complete the hours required for the course. If you are passionate about the rights of Indigenous People and have a desire to be a part of the solution to recognize and respect of Indigenous culture, then this is the course for you.

This course will lead us towards our relationship with wise practices during a time of great change within our communities. We are fortunate to be able to learn from the people of this land who have lived experience and authentic voices; we will learn about Indigenous community wisdom in action, through embracing cultural ways of knowing and being; talk about case studies from our local and global Nations; deepen critical skills; reawaken gifts; and re-envision what leaders need in order to thrive, while living wholistically into responsibilities, community wellbeing and personal achievements.

You will have the opportunity to bring the Indigenous Ways of being to life with active community projects, while embarking on a personal journey. This program creates the space to regenerate and envision, while expanding personal roots of identity, knowledge, and cultural values within each person’s authentic self. We will move from story and practice into action with the guidance of Elders, land-based learning, hands-on case studies, culture, arts, and community dialogue. Wise Practices in Indigenous ways provides the opportunity to center, strengthen, and balance cultural and contemporary competencies.

## BA PEER LEADERSHIP 11 & 12

Leadership is designed for the student interested in learning the basic concepts of leadership skills, group processes, leadership practice and planning, and the organization of school activities and events. Students of this course will be introduced to a variety of concepts/skills and then placed in positions of responsibility where they will have the opportunity to practice and refine their leadership skills. It also allows the student the opportunity to improve confidence and poise; to work with peers of diverse backgrounds and attitudes; to meet with leaders in the school and community; be involved in the decision making process; become better citizens of both the school and community. Students will be involved in identifying, organizing, and producing school activities. In essence, this group will be a “Leadership Council”. Each student will be expected to contribute of themselves over and above the typical academic course. This means that it will be necessary for them to work outside of school hours on special projects and event planning.

# ENGLISH as a SECOND LANGUAGE

## ENGLISH LANGUAGE LEARNER 8 & 9

Students in this course will focus on developing stronger reading and writing skills, using the basic structures of the English language more consistently, gaining confidence in speaking the language, and improving listening comprehension in both social and academic environments. There will be both group instruction and individual independent work. Independent work will consist of materials to remedy areas of academic weakness and develop reading skills and vocabulary. Academic support will also be provided.

## ENGLISH LANGUAGE DEVELOPMENT 10

(Beginner/Low Intermediate Level ESL students)

This course is designed to introduce ESL students to the four main English language skills of reading, writing, listening, and speaking. It focuses on developing strategies needed to read, write and extract information successfully in English, and addresses specific needs of students regarding language and culture.

## ELL CANADIAN STUDIES 10

This course is designed to acquaint students new to Canada with Canadian geography, history, government, law, culture, customs and current events. In addition, this course allows students to explore Canada’s role in the global community. A wide variety of strategies will be used to teach students how to access, comprehend and process information and communicate their understanding. Students will develop their skills in reading comprehension as well as speaking, writing descriptively, and expressing their opinions.

## ENGLISH LANGUAGE DEVELOPMENT 11

(Beginner/Low Intermediate Level ESL students)

This course is designed to extend the exploration of ESL students into the four main English language skills of reading, writing, listening, and speaking. Students will be able to interact with greater confidence in familiar situations. The students will practise strategies they have acquired to read and extract information successfully in English, and describe and analyze Canadian culture and customs using more complex vocabulary and sentence forms.

## BA ESL COMPOSITION 11

(High Intermediate/Advanced Level ESL students)

This course enables ESL students to develop writing skills that will allow them to be successful in English 10 and English 11. Students will focus on developing skills in writing sentences, paragraphs, and essays, but will also work on expanding vocabulary and responding to a variety of reading materials.