

**KENNETH
GORDON
MAPLEWOOD
SCHOOL**

MAPLEWOOD
ALTERNATIVE
HIGH
SCHOOL
PROGRAM



**MAHS
2022-2023
COURSE
CATALOGUE**

MAPLEWOOD ALTERNATIVE HIGH SCHOOL PROGRAM



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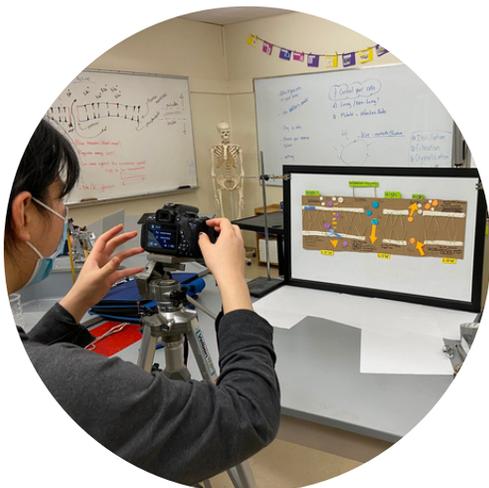
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MAPLEWOOD ALTERNATIVE HIGH SCHOOL PROGRAM

SENIOR PROGRAM OVERVIEW

Maplewood Alternative High School is an inclusive education environment designed for neurodiverse high school students that combines academics, social interactions, work experience, personal advocacy and life skills. This is accomplished through engaging, supporting and empowering students. We focus on using state of the art learning tools, learning theories and research-based strategies that meet the needs within the classroom and in the workplace.

Every student at Maplewood is on an individual education plan (IEP). This ensures that courses and strategies are custom fit to the needs and aptitudes of the learner and provide opportunities for each young adult to succeed at their individual pace. Our highly trained and dedicated teaching and tutoring staff help students explore their own unique pathways for learning.

The core academic program meets the prescribed learning outcomes required by the BC Ministry of Education for the Dogwood graduation program. Core academic courses offered at Maplewood include: English, Mathematics, Social Studies, and Sciences. These are compliment by further studies in Applied Design, Skills and Technology (ADST), Arts, Physical and Health Education and Careers.

Students have the option of attaining their Dogwood Graduation Diploma or Evergreen School Completion Certificate in preparation for university/college, or for preparing themselves for the world of work and practical life skills.

At Maplewood, we believe there are multiple pathways to success. There is no “one size fits all” approach – the needs of each individual student drives the delivery of the programme.



MAPLEWOOD ALTERNATIVE HIGH SCHOOL PROGRAM

ADAPTATIONS & MODIFICATIONS

In most areas, curriculum is taught with more teacher support than in a mainstream situation, and materials used are adapted or modified to the student's needs. A student's yearly targeted goals are reflected in the student's Individual Education Plan (IEP).

An adapted program addresses the learning outcomes of the Ministry curriculum but provides adaptations so the student can participate in the program. These adaptations may include alternative formats for resources (e.g., read-write, large-font/text, off-white/coloured paper printing, books-on-tape), instructional strategies (e.g., use of interpreters, visual cues, learning aids), and assessment procedures (e.g., oral exams, additional time). Adaptations may also be made in areas such as skill sequence, pacing, methodology, materials, technology, equipment, services, and setting. Students on adapted programs are assessed using the curriculum standards and can receive full graduation credit.

Modified courses, including learning assistance, will not receive graduation credit. These courses are studied in alignment with a student's IEP goals and objectives.

GRADING SCHEME

A	100 - 86
B	85 - 73
C+	72 - 67
C	66 - 60
C-	59 - 50
F	49 - 00
I	In Progress/Incomplete

WORK HABITS

E	Excellent
G	Good
S	Satisfactory
N	Needs Improvement

DOGWOOD DIPLOMA

QUICK GLANCE

COURSE CREDITS

80 credits of study at Grades 10 - 12

- 52 required credits
- 28 elective credits

16 of the above credits must be earned from Grade 12 level courses

REQUIRED CREDITS

English Language Arts

- 12 credits

Mathematics

- 8 credits

Science

- 8 credits

Socials

- 8 credits

Physical Education

- 4 credits

ADST & Arts

- 4 credits

Careers

- 8 credits

ELECTIVE CREDITS

The 28 elective credits are earned through further study in and across all the academic subjects.

Students will choose courses from a variety of areas based on post-secondary program requirements and their interests.

PROVINCIAL ASSESSMENT

- Grade 10 Numeracy
- Grade 10 Literacy
- Grade 12 Literacy



DOGWOOD GRADUATION REQUIREMENTS

DOGWOOD COURSE CREDITS

Students must complete a minimum of 80 credits, although most students will surpass this benchmark. 52 of these credits are mandated, and 28 are elective; this guide will demonstrate which courses are required and which are elective. MAHS is responsible for ensuring that students are scheduled to meet all graduation requirements.

PROVINCIAL GRADUATION ASSESSMENTS

Students will complete three provincial assessments between grade 10 and 12. Provincial assessments are graded by the Ministry of Education on a proficiency scale, and the student's outcome is recorded on their transcript. The assessments are not based on a specific course curriculum, but are based on cumulative learning since kindergarten. Assessments can be re-written once per year, with the highest outcome recorded on the transcript. Assessments include:

- Grade 10 Numeracy Assessment
- Grade 10 Literacy Assessment
- Grade 12 Graduation Literacy Assessment (*New for the 2021-2022 school year*)

CAREER LIFE CONNECTIONS: CAPSTONE PROJECT

As a part of Career Life Connections in Grade 12, students must complete a Capstone Project and present it to a panel of administrators, teachers, peers, parents, and community members. This project is selected, designed, and executed by the student with the support of the Careers teacher. This project is meant to represent the learning the student has achieved throughout their career as a student. Completing and passing the Capstone Project is a provincial graduation requirement.

CAREER LIFE CONNECTIONS: CAREER EXPLORATION (30 HOURS OR MORE)

Career-life exploration refers to substantive experiential learning (30 hours or more) that is intended to expand and/or deepen student exposure to career-life possibilities. Through this CLC learning standard expectation, students can further refine their career-life goals and transferrable skills. Student interests, learning goals, and plans for post-graduation inform the nature of the career-life exploration component.





EVERGREEN CERTIFICATE

QUICK GLANCE

THE EVERGREEN REPRESENTS THE COMPLETION OF PERSONAL LEARNING GOALS AS REFLECTED IN A STUDENT'S INDIVIDUAL EDUCATION PLAN. THE EVERGREEN CERTIFICATE IS NOT A GRADUATION CREDENTIAL

THE FOLLOWING GUIDES THE DEVELOPMENT OF A STUDENT'S SCHOOL COMPLETION PLAN:

CONSULTATION

- What are the personal learning goals of/for the student?
- Why are they important to the student's personal learning?

SCHOOL PROGRAM

- How will the daily school program support the student in achieving these personal learning goals?



TRANSITION PLANNING

- How will these personal learning goals support the student to transition to post-secondary life?

INCLUSION

- Where, when and with whom will the student's learning take place?
- What are the best interests of the students?

**The Evergreen program is not a primary program offering at KGMS at this time; it is only offered in extenuating circumstances.*

EVERGREEN SCHOOL COMPLETION REQUIREMENTS

EVERGREEN PROGRAMME DESIGN

The School Completion ("Evergreen") Certificate is intended to celebrate success in learning that is not recognized in a Certificate of Graduation (Dogwood Diploma). The Evergreen Certificate is not a graduation credential; students who receive an Evergreen have not graduated. It is important that students and their parents/guardians clearly understand that the Evergreen represents the completion of personal learning goals but does not represent graduation.

At MAHS, this program combines academic pursuits with important skills that will allow students to succeed throughout their lives. Skills explored include:

- Effective communication skills
- Personal financial management
- Personal management and hygiene
- Home economics
- Independent living skills

Students in the Evergreen programme will learn with their grade based peers where appropriate. Students may take part in 'for-credit' courses when they are able to study at an adapted curriculum level; alternatively, students will receive a modified curriculum within the same learning environment as their grade based peers.

Each student's Evergreen path is different, and designed for the student in collaboration with teachers, student, parents, and administrators. Their learning plan is designed in conjunction with the student's IEP goals to maximize learning that is relevant for the student. A student's schedule could include but is not limited to seated academic classes, Life Skills classes, work experience, or volunteer work.

An Evergreen can also be an important step in the pursuit of an Adult Dogwood Diploma, in which students extend their secondary studies into their adult years.

If you believe the Evergreen Certificate might be the best fit for your child, speak to your child's Case Manager.

**The Evergreen program is not a primary program offering at KGMS at this time; it is only offered in extenuating circumstances.*

COURSE OFFERINGS OVERVIEW 2022-2023

USING THIS GUIDE

This guide is designed to support students and guardians during the course selection process. In it, you will find all courses that MAHS can offer, as well as additional information about course requirements and graduation requirements.

Students are **not** restricted to courses in their grade level and may request a combination of courses from across grades 10, 11 and 12 in line with their post-secondary goals. These requests will be taken into consideration by the administrative team and where possible will be honoured within the student's yearly schedule.

In addition, students in elective courses within the Arts and Applied Design Skills and Technology curriculums may study in a multi-grade classroom composed of students from grades 10 through grade 12.

AVAILABILITY OF COURSES

To best meet the needs of the greatest number of our students, we base our decisions on a review of student interest and the best use of the academic resources of the school (teachers and spaces), student enrolment, and in accordance with graduation requirements. It may not always be possible to offer all of the courses listed in this Course Catalogue as a seated course. In the event that MAHS is not able to offer a course, students will be provided with the opportunity to enrol in the course via Distanced Education and be assigned a MAHS teacher as a course mentor.

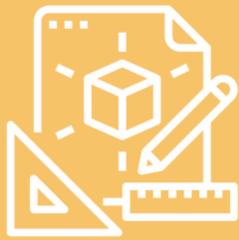
COURSE CHANGES

Students must carefully select required and elective courses in consultation with the careers teachers, general teachers and parents, as course changes may not be possible once the course schedule is set. Once a student has begun a course, it is expected that they are committed to their choice. In exceptional circumstances, course changes may be approved by the Administration.



BC MINISTRY CURRICULUM

QUICK GLANCE



APPLIED SKILLS DESIGN
& TECHNOLOGY



ARTS



CAREERS



ENGLISH LANGUAGE ARTS



PHYSICAL EDUCATION



MATHEMATICS



SCIENCE



SOCIAL STUDIES

SAMPLE COURSE SELECTION

QUICK GLANCE

GRADE 10

The grade 10 course schedule is largely composed of Ministry required courses as part of the Dogwood Diploma programme. A full course schedule includes 32-credits of study. The following is an example of a grade 10 student's courses:

22-CREDITS OF REQUIRED COURSE STUDY

4-CREDITS



- Composition 10
- Spoken Language 10

4-CREDITS



- Foundations of Mathematics & PreCalculus 10

4-CREDITS



- Science 10

4-CREDITS



- Social Studies 10

4-CREDITS



- Physical & Health Education 10

2-CREDITS



- Career Life Education

ADAPTED SCHEDULE

While MAHS courses are designed for adapted learning, some students will require further support or adaptations to be confident and successful in their studies.

This may include:

- learning assistance blocks
- strategically spreading required courses over multiple years of study
- modified courses

Please note that learning assistance and modified courses are uncredited.

10 CREDITS: ELECTIVE COURSE STUDY

The remaining 10 credits are typically a combination of Arts and/or ADST courses for 2 or 4-credits each.

However, some students may request to enrol in senior academic courses in order to advance in their studies.

GRADE 10 - 4 CREDITS REQUIRED



COMPOSITION 10 REQUIRED 2-CREDIT COURSE IN GRADE 10.

Explore persuasive, expository, descriptive, and creative writing. This includes but is not limited to the writing process, idea generation, pre-writing strategies, and editing strategies.



LITERARY STUDIES 10 2-CREDITS

Explore a range of texts including novels, short stories, poetry, and drama, students will develop key analysis and interpretation skills, applying them to formal written compositions; develop proficiency in the literary forms, techniques, and devices that writers use to effectively convey their opinions and themes.



SPOKEN LANGUAGE 10 2-CREDITS

Explore the elements, conventions and functions of text with special attention paid to the methods, instances, and cultural significance of spoken language and the oral tradition.



NEW MEDIA 10 2-CREDITS

Explore writing conventions, literary genres, and literary analysis using multimedia and multimodal texts. Students also explore the concept of digital citizenship and changing methods of communication in a modern world. This course includes a novel study.



CREATIVE WRITING 10 2-CREDITS

Explore a variety of genres/forms to develop both analytical and communication skills, and better understanding the characteristics of a given medium as a method to serve an author's intent. Students will evaluate authors' and directors' artistic choices, their own, and those of their peers.

ENGLISH LANGUAGE ARTS

GRADE 11 4 CREDITS REQUIRED

Grade 11 courses build upon the content of English Language Arts 10. Students can continue to develop their literary skills through one or more of the following courses. English First People's content is interwoven within the courses offered at MAHS.

STUDENTS MAY ALSO STUDY ONE OR MORE OF THE FOLLOWING STREAMS:



COMPOSITION 11
4-credits



LITERARY STUDIES 11
4-credits



SPOKEN LANGUAGE 11
4-credits



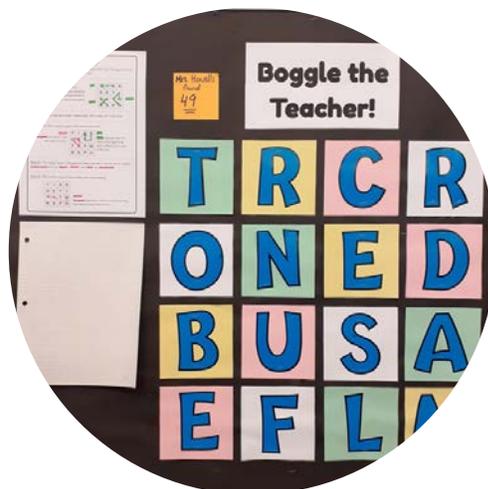
NEW MEDIA 11
4-credits



CREATIVE WRITING 11
4-credits

COURSE DESCRIPTIONS

For content and skill focus of each stream, please see English Language Arts 10 descriptions.



ENGLISH LANGUAGE ARTS

GRADE 12 4 CREDITS REQUIRED



ENGLISH STUDIES 12 - REQUIRED COURSE

English Studies 12 is a culmination of the language arts learning that students have pursued from kindergarten to Grade 12. Students engage with a wide variety of genres and modes of visual and literary texts, perform textual analysis, and represent their ideas in a variety of written and visual outputs. Students explore cultural significance of written and oral text, as well as practice reading and writing habits that are useful in post-secondary institutions and the workplace.

STUDENTS MAY ALSO STUDY ONE OR MORE OF THE FOLLOWING COURSES AS AN ELECTIVE OPTION:



COMPOSITION 12
4-credits



LITERARY STUDIES 12
4-credits



SPOKEN LANGUAGE 12
4-credits



NEW MEDIA 12
4-credits



CREATIVE WRITING 12
4-credits

COURSE DESCRIPTIONS

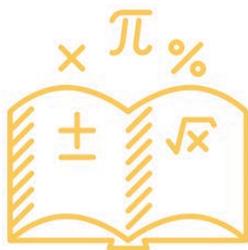
For content and skill focus of each stream, please see English Language Arts 10 descriptions.

GRADE 10 4 CREDITS REQUIRED



WORKPLACE MATHEMATICS 10

Explore math for the workplace and focus on real-world applications of mathematics. The course focuses on helping students build skills around four main ideas: proportional reasoning; measurement of 3-dimensional objects; number sense and flexibility with numbers; and representing and analyzing data to make sense of it.



FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10

Explore mathematical understanding and critical thinking skills identified for entry into most post-secondary programs, both those that require Calculus and those that do not. Students taking this course will decide whether to pursue Foundations of Math 11, Pre-Calculus 11, or Calculus 11. Topics include Rational and Irrational Numbers, Exponents, Polynomials, Linear Functions, Trigonometry, and Financial Literacy.

LEARNING ASSISTANCE

Students may register in a modified numeracy course that supports further development of foundational mathematics skills prior to enrolling in one of the above courses.

Students may also request a learning assistance block to compliment their Mathematics learning while enrolled in one of the above courses.

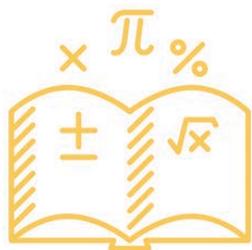
Modified and learning assistance blocks are not for credit.

GRADE 11 4-CREDITS REQUIRED



WORKPLACE MATHEMATICS 11

This course is aimed at students heading straight into the workforce after graduation, or for those intending to pursue an apprenticeship or trade, and will build upon and extend mathematics learning from Workplace 10.



FOUNDATIONS OF MATHEMATICS 11

This course is designed to help students with developing mathematical understandings identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics in this course include logical reasoning, geometry, measurement, relations and functions and statistics.



PRE-CALCULUS 11

Explore mathematical skills that are foundational for use in pre-calculus and calculus thereafter. Pre-Calculus 11 focuses on quadratic relationships, their prevalence around us, and the use of algebra to generalize these relationships through abstract thinking. Students will explore the meanings of and connections between operations extending to powers, radicals and polynomials. Students will use proportional reasoning to solve indirect measurement trigonometric problems, and work with formulas for financial literacy.

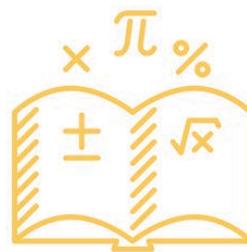
MATHEMATICS

GRADE 12

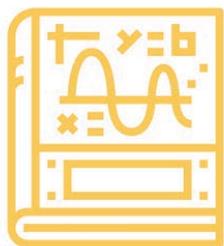
MAHS requires students to enrol in a Mathematics course in their grade 12 year. Whether students choose to pursue a deeper or broader study in mathematics, the design of the Mathematics curriculum ensures that they are able to pursue their individual interests and passions while establishing a strong mathematical foundation. Mathematics 12 courses will continue to build upon and expand learning from the Mathematics streams in grade 10 and grade 11.



APPRENTICESHIP MATHEMATICS 12



FOUNDATIONS OF MATHEMATICS 12



PRE-CALCULUS 12

ADDITIONAL SENIOR MATHEMATICS COURSES:

- Computer Science 11 and 12
- History of Mathematics 11
- Geometry 12
- Statistics 12
- Calculus 12

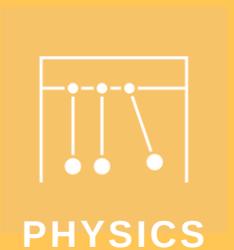
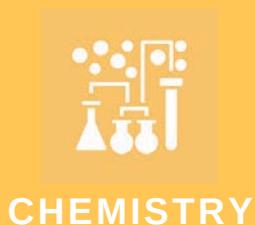
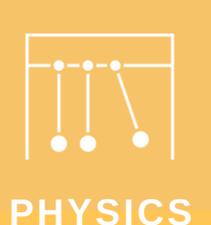
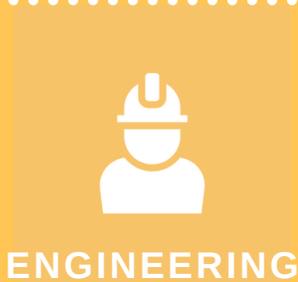
These courses are available through online distance learning, an MAHS teacher will be assigned to mentor a student through the course content,

UNIVERSITY PREREQUISITES: SCIENCES & MATHEMATICS

QUICK GLANCE

STUDENTS SHOULD STRATEGICALLY PLAN THEIR SENIOR HIGH SCHOOL STUDIES TO ALIGN WITH THE REQUIRED AND/OR RECOMMENDED UNIVERSITY PREREQUISITES OF THEIR INTENDED CAREER.

BELOW ARE SOME EXAMPLES OF THIS ALIGNMENT:



STUDENTS SHOULD BEGIN TO RESEARCH AND PLAN FOR A SUCCESSFUL UNIVERSITY TRANSITION AS EARLY AS POSSIBLE IN ORDER TO EFFECTIVELY PLAN THEIR SENIOR STUDIES.

GRADE 10



SCIENCE 10 4-CREDITS REQUIRED

Explore topics from Biology, Chemistry, Physics and Earth Science. This will form the basis for further studies in future grades and provide students with knowledge to find areas of interest. This course has four main units of study: DNA, Genetics and Natural Selection; Chemical Reactions and Radioactivity; Law of Conservation of Energy; The Universe.



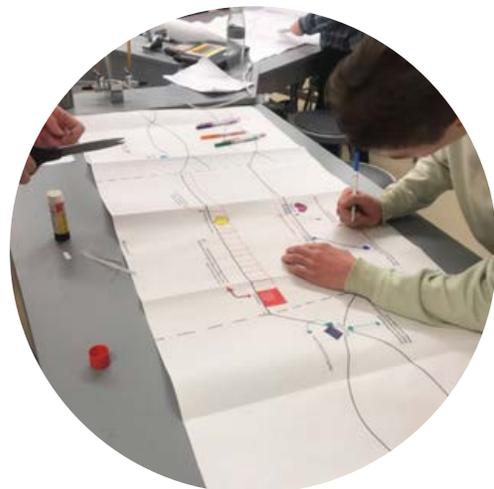
Science 10
Propagation (potatoes)



Science 10
Genetics (fruit flies)



MAHS Science Lab



Science 10
DNA replication model

SENIOR SCIENCES

MAHS students are encouraged to study sciences throughout their high school years. After grade 10, science courses are separated by content fields: general, biology, physics, chemistry, environmental sciences and earth sciences.

For students studying for the Dogwood Diploma, 1 senior science course will satisfy graduation requirements. Further courses will count towards the 28 required electives. Each course is worth 4-credits towards the Dogwood Diploma.

GENERAL SCIENCE



SCIENCE FOR CITIZENS 11

Explore real world, practical applications of science. The big ideas in this course are: how scientific processes and knowledge inform our decisions and impact our daily life; how scientific knowledge can be used to develop procedures, techniques and technologies that have implications for places of employment; and how scientific understanding enables humans to respond and adapt to changes locally and globally.

SPECIALIZED SCIENCE 12

Explore and extend prior learning in three of the following content areas:



- Biology
- Chemistry
- Physics
- Earth and Space
- Environmental Science

Specific course theme and design will vary by instructor.

BIOLOGY



LIFE SCIENCES 11 4-CREDITS

Explore living things and to the taxonomic system. You will learn about how scientists classify living things and features of organisms big and small. There are four main units of study: Evolution and Taxonomy, Cells, Cell processes; Viruses and Microbiology, Plants and Animals.



ANATOMY & PHYSIOLOGY 12 4-CREDITS

Explore cell structure, function and processes as well as the human body. It focuses on big ideas related to homeostasis, DNA and cells, and organization of organ systems. There are 6 main units of study: Cells and Biochemistry; DNA, RNA and Protein Synthesis; Cell Membrane and Enzymes; Digestive and Urinary Systems; Circulatory and Respiratory Systems; Nervous and Reproductive Systems.



Life Sciences 11
Dissection (starfish anatomy)



Anatomy & Physiology 12
Dissection of cardiovascular and respiratory systems (pig anatomy)

CHEMISTRY



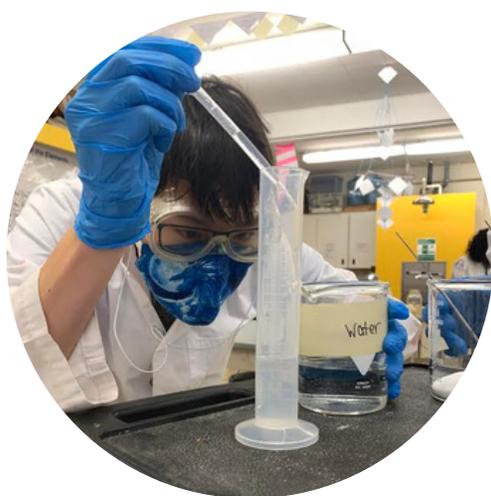
CHEMISTRY 11 4-CREDITS

Explore the world of science on an atomic level and build knowledge of core chemistry concepts. The course focuses on big ideas related to atoms, molecules and moles, chemical reactions and energy, solution chemistry, and organic chemistry. Chemistry 11 emphasizes real-life applications of chemistry and helps students connect their learning to the world around them.



CHEMISTRY 12 4-CREDITS

Explore chemical reactions: why and how they happen, and chemical systems in equilibrium. This course builds on students' knowledge of core chemistry concepts and focuses on big ideas related to reaction rates, dynamic equilibrium, saturated solutions, acid and base strength and oxidation/reduction.



Chemistry 11

Students measure quantities of Sodium chloride, Copper (II) chloride, Calcium carbonate, water and copper metal by applying their knowledge of chemical formulas, Avogadro's number and molar mass

PHYSICS

FOR YOUR INFORMATION...

Physics uses a number of mathematical tools, previous knowledge of the following is beneficial:

- Solving basic mathematical equations with Algebra
- Understanding 2 variable X & Y graphs
- Basic right-triangle Trigonometry

Speak with your math 10 teacher for further information.

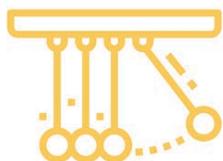


PHYSICS 11 4-CREDITS

Explore the world of motion and energy. This course is designed to build students' knowledge of core physics concepts. The course focuses on four big ideas. An object's motion can be predicted, analyzed and described. Forces influence the motion of an object. Energy is found in different forms, is conserved, and has the ability to do work. Mechanical waves transfer energy but not matter.

PHYSICS 12 4-CREDITS

Explore the world of motion and fields. This course is designed to build on the knowledge the student gained in physics 11. The course focuses on four big ideas. Measurements of motion depends on our frame of reference. Forces can cause linear and circular motion. Momentum is conserved within a closed isolated system. Forces and energy interactions occur within fields.



ONLINE COURSE ENROLLMENT

If MAHS is unable to offer the senior physics courses as a seated course, these courses are available through online distance learning, and an MAHS teacher will be assigned to mentor a student through the course content,

EARTH & ENVIRONMENTAL SCIENCES 4-CREDITS EACH



EARTH SCIENCES 11

Explore the materials of the earth and their interactions. Topics explored include the characteristics of rocks and minerals, plate tectonic theory, the transfer of energy in the environment, the distribution of water and the solar system.



ENVIRONMENTAL SCIENCES 11

Explore environment which we live in and our interaction with it. This course examines the human impact on our natural environment including changing climate systems, water systems, and land use and degradation. Students also explore alternative energy sources and methods for sustainable living.



GEOLOGY 12

Explore the elements, classification, and distribution of rocks and minerals, the earth's geological and biological history, plate tectonic theory, and the effect of weathering and erosion processes on our environment.



ENVIRONMENTAL SCIENCES 12

Explore the inter-relationships of the natural world, to identify and analyze environmental problems both natural and human-made, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them.

SENIOR SCIENCE TRIP

BAMFIELD MARINE SCIENCES CENTRE

Students who attend this optional 4-night, 5 day field trip will have the opportunity to experience hands-on learning in the unique coastal environment of West Coast Vancouver Island while maintaining MAHS's educational approach and values.

A visit to **BMSC** will allow student to further establish connections to curricular competencies and content outside of a classroom setting. BMSC is an active research facility open to high school students supported by several Canadian universities and on campus educators.

SAMPLE DAY SCHEDULE

Saturday May 5th (Low tide of 0.8 @ 10:58)

- 14:00 Arrive at BMSC, check in at the Whale Lab.
- Stow luggage in Main Building lobby, begin tour of campus and safety orientation
- 15:00 Settle into accommodations
- 16:00 Lab: Marine invertebrate diversity, and reproduction of marine animals (Whale Lab)
Attempt to spawn sea urchins, begin embryo development timeline.
- 18:00 Dinner
- 19:00 Lab: Seaweed identification, ecology, and human uses (COTC)

Sunday, May 6th (Low tide of 0.9m @ 11:49)

7:30 Breakfast

	Group 1	Group 2
8:30	<u>Field trip</u> : Ocean sampling aboard the research vessel Alta (Meet at docks at 8:20, dress warm)	Free time
9:30		<u>Check embryos</u> (Rix lower level), then <u>Field Trip</u> : Examination of subtidal life on docks and pilings (meet at docks)
10:30	<u>Field Trip</u> : Examination of subtidal life on docks and pilings (meet at docks)	<u>Field trip</u> : Ocean sampling aboard the research vessel Alta (Meet at docks, dress warm)
11:15	<u>Check embryos</u> (Rix lower level), then free time before lunch	

12:30 Lunch

DATES & FEES

Due to the ongoing COVID-19 pandemic, specific dates and availability of the BMSC field trip is unknown at this time.

This trip includes additional fees; however, this is commonly offset by extensive fundraising throughout the school year. Approximate cost per student after fundraising: \$300

MAHS Contact: TBD



SOCIAL STUDIES

GRADE 10 4-CREDITS REQUIRED



SOCIAL STUDIES 10 -

This course provides students with opportunities to reflect critically upon events and issues in order to examine the present, make connections with the past, and consider the future. Students will explore 19th and 20th Century World History through the lens of Canada's development as a nation and its involvement in world events, such as World War I, as well as how Canada has dealt with global economic, technological and political shifts.



Social Studies 10
Examples of Student work

SENIOR COURSES 4-CREDITS REQUIRED IN GRADE 11 OR 12



EXPLORATIONS IN SOCIAL STUDIES 11 4-CREDITS

This course provides students with opportunities to reflect critically upon events and issues in order to examine the present, make connections with the past, and consider the future. Students will explore key social, political and economic issues of 20th and 21st Century World History through the lens of Canada's involvement in world events, such as World War II, as well as how Canada continues to deal with and be shaped by current local and global events.

SENIOR COURSES 4-CREDITS REQUIRED IN GRADE 11 OR 12



COMPARATIVE WORLD RELIGIONS 12 4-CREDITS

Explore the history, development and evolution of world religions and different religious practices in regional and historical contexts.



COMPARATIVE CULTURES 12 4-CREDITS

Explore, analyze, compare and contrast human societies, civilizations and cultures throughout history and across the globe. Students explore the influence of language, religion, political organization, and recreation of various societies as well as how these cultural phenomena have influenced international conflict, infrastructure, technological advancements and world economies.



Comparative Cultures 12

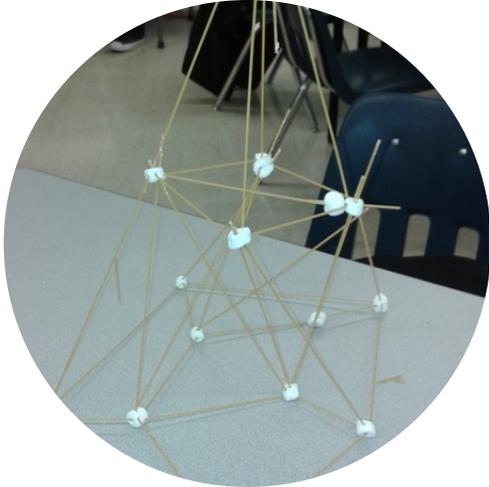
Learn through play with Mrs. Howells' Rise of Civilizations interactive course game! Students will be challenged to take their civilization from agrarian society through to the industrial age.

SENIOR COURSES 4-CREDITS REQUIRED IN GRADE 11 OR 12



URBAN STUDIES 12 4-CREDITS

New York. London. Tokyo. Mexico City. Paris. Vancouver. Montreal. Each follows its own rhythm, shaped by geography, history and the people who live there. Explore how residential and commercial areas, community spaces, public services and transportation all work together to form a city's unique personality.



Urban Studies 12: Student work

- 1) Exploring how geography shapes building choices (building for earthquakes)
- 2) Geo-Monopoly (student project) to teach and share understanding of a course concept



ELECTRONICS PROGRAMME

The “Electronics” programme is intended to provide students interested in the technologies of electronics, knowledge and hands-on experience which may be useful in

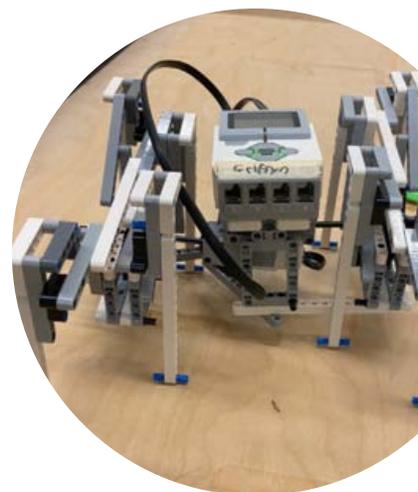
pursuing a career in this field. The program escalates each year with more advanced usage of electronic technologies and design of electronic circuits from prototype breadboarding to Printed Circuit Boards. At the Grade 10 level, a Robotics component is integrated into the course including usage of the newest programmable Lego Mindstorms Robotic kits. During the program, we study various electronic components through resistors, transistors to Integrated Circuits with hands-on experiments, as well as study series/parallel & analog/digital circuits with Ohm's, Watt's & Kirchhoff's Laws. The students are also provided training and gain hands-on experience soldering electronic circuits and usage of the related tools involved. Students personally choose from a variety of electronic kits and self-assemble these electronic circuits. At the higher advanced level, the design of electronic circuits with computerized schematic diagrams is conducted while studying construction and assembly techniques.

COURSES INCLUDE

Electronics & Robotics 10

Electronics 11

Electronics 12





ENTREPRENEURSHIP PROGRAMME

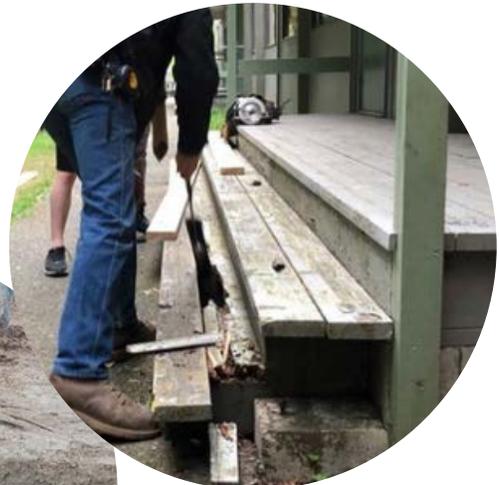
This set of courses is designed to take students through the process of creating and implementing their own business venture. While learning the different aspects of business, students will develop their own business plan which they will use to successfully implement their idea into a real venture. Throughout this course students will also examine and develop entrepreneurial skills, study a variety of entrepreneurs and understand what it takes to be a successful entrepreneur. Students will analyse business plans by assessing their feasibility and proposing areas for improvement.

MINISTRY COURSES INCLUDE

Entrepreneurship 10

Marketing & Promotion 11

Entrepreneurship 12



2020-2021 in Focus

Together, grade 10 and 11 students, developed a gardening and yard maintenance company, the Maplewood Garden Gang. The students took on projects around the school grounds in order to develop a portfolio of their abilities to market to prospective clients.



FOOD STUDIES PROGRAMME

The Food Studies programme is a research and project-based programme that focuses on planning and preparing nutritious food for individuals and groups. Students develop various skills from planning menus to presenting attractive meals, and increase their knowledge of the nutritional, social, and economic factors that affect food selection and preparation. Students consider safety and the prevention of food-borne illnesses as they handle equipment and food supplies and use appropriate cooking and storage methods. As well as preparing and presenting food, students learn to budget food purchases and manage time and energy. In addition, they assess global issues related to food production and consumption.

Students may also have the opportunity to study for **Food Safe Level 1** and **Level 2** certification over the course of their studies.

MINISTRY COURSES INCLUDE

Food Studies 10

Food Studies 11

Food Studies 12



ADDITIONAL ADST STUDIES



WOODWORKING 10

Explore the foundations of carpentry, including safely working with tools and instruments, the principles of design, and construction techniques. Students develop their skills in planning and problem solving during this project-based course. This course is taught in consultation with Jeremy Tomlinson, Founder of the Urban Woodworker.



WOODWORKING 11 & 12

Students who demonstrate a strong aptitude and commitment in woodworking 10, they may be invited to continue with their studies in grades 11 and 12 at Jeremy Tomlinson's woodworking shop.



VISUAL ARTS PROGRAMME

At MAHS, we believe that visual arts are an integral part of a student's holistic development. From learning to communicate and express ideas to developing solid ground for critical thinking, visual arts play an essential role in our global society. Students learn the importance of visual culture throughout history, as well as its influence on modern society. Further, students will expand their understanding and appreciation of visual arts mediums through looking at its history, as well as traditional and contemporary First Peoples perspectives as expressed through visual arts.



MINISTRY COURSES INCLUDE

Graphic Arts: 11, 12: students apply drawing and design skills to both hypothetical and actual design problems through the use of graphic arts media (e.g., traditional printmaking, industry-standard graphic design software, etc.)



Media Arts: 10, 11, 12: students explore the connections between Media Arts and computer technology by creating and exploring a variety of Media Arts works.

Studio Arts: 10, 11, 12: students engage in a variety of art- and image-development processes and strategies.



Studio Arts 2D: 10, 11, 12: students will create two-dimensional artwork, using a variety of processes, techniques and materials.

Photography: 10, 11, 12: student explores the art of digital and film photography.

MUSIC PROGRAMME

The music program at MAHS provides students with the opportunity to engage with and express themselves with various styles of music. Students explore intermediate levels of structural elements in melody, rhythm and harmony. Instruments utilized include percussion, ukulele, acoustic and electric guitar, bass guitar, keyboard, brass, woodwinds and voice. Upon completion of these courses, students should be able to demonstrate an improved level of competence and proficiency in their chosen instrument. A key component of the music program involves a final performance at a seasonal concert, either as a group or solo. Students will gain experience reading, rehearsing and performing selected pieces for concert performances. Musical concepts, theory and performance techniques will also be used to enhance the experience for both performer and audience. In addition, extension opportunities are offered and include song writing, music production, performance improvisation, transposition, harmonizing, sight reading, and combining vocals with instrumentation.



MINISTRY COURSES INCLUDE

Contemporary Music: 10, 11 and 12
Individual Directed Studies (IDS)

ADDITIONAL ARTS STUDIES



DRAMA 10, 11, 12

Explore the arts of mime, movement, and public speaking. In addition, students will engage in role drama, improvisation and character development. Students will develop their acting skills as well as their imaginations. Students will also engage in play building, script analysis and script creation.

No previous experience is necessary



INDEPENDENT DIRECTED STUDIES (IDS)

INDEPENDENT DIRECTED STUDIES 11 & 12

Do you have an area of study that you are intensely passionate about and are interested in learning more? Are you a self-starter and are able to set and manage personal learning goals? If yes, you may want to apply for Independent Directed Studies.



For this course, students propose a meaningful, ongoing project or inquiry that expands their knowledge, skills or experience in a creative discipline. Students complete a series of weekly assignments, design and execute self led projects, build relationships with mentors in the school and/or greater community.

This course is a collaboration between students, teachers and mentors that requires each student to take full ownership of steering this part of their learning journey.

PROPOSAL & APPROVAL PROCESS

1. Student submits a proposal to MAHS faculty for review:
 - a. The intended topic of study or project focus
 - b. Summary of students prior knowledge, experience and/or reason of interest in the topic
 - c. Tools and materials required
2. Student meets with MAHS faculty to discuss their proposal, the course requirements and the student's commitment to the process.
3. Student will be informed of a successful proposal and the approved timeline:
 - a. 2-credits of study: 1 block every other day for 1 semester
 - b. 4-credits of study: 1 block a day for 1 semester

If a proposal is not approved, student will be informed and they may request to revise and resubmit. Alternatively, they will be enrolled in one of their other elective course selections.



PHYSICAL & HEALTH EDUCATION



PHYSICAL & HEALTH EDUCATION 10 4-CREDITS REQUIRED

Explore a variety of physical activities and healthy living habits. This course uses individual and classroom activities, activity logs, reflections and assignments to encourage the overall health and fitness of the students involved.



FITNESS & CONDITIONING 11 & 12 4-CREDITS EACH

In partnership with Ron Andrews Rec Center, students explore safe exercise technique, positive body image, and other health related topics will be given to assist the Youth in identifying “fitness” myths. This is done by a certified Personal Trainer providing a tour of the fitness centre, giving a demo of equipment, an overview of safe usage and etiquette.



ACTIVE LIVING 11 & 12 4-CREDITS EACH

explore the big ideas that physical activity is an important part of overall health and well-being and that finding enjoyable recreational activities can motivate people to participate more regularly in physical activity. Students participate in a wide range of individual sports, team sports, and recreational activities to achieve these curricular goals. This course will include field trips to explore the recreational activities available in the community. Potential field trips include: yoga, pitch and putt golf, bowling, hiking, skating, boxing, snow tubing, and rock climbing.

Please note, additional fees for this course may apply depending on availability of community facilities and programs during the 2022-2023 school year (transport, materials/equipment rentals, entrance and trip fees).



OUTDOOR EDUCATION 11 AND 12 4-CREDITS EACH

Explore outdoor and wilderness skills including navigation, outdoor cooking, camping, and outdoor fitness activities in a variety of weather conditions. Outdoor Education 11 and 12 is a non-seated course which means that it is not scheduled into the timetable. Students go on multiple day trips throughout the year to earn course credit.



Overnight & multi-day excursions during the 2022-2023 school year will be dependent on COVID-19 restrictions.

Please note, additional fees for this course may apply (transport, materials/equipment rentals, entrance and trip fees).



CAREERS 8-CREDITS REQUIRED



CAREER LIFE EDUCATION 4-CREDITS

Career Life Education introduces students to the opportunities available to them after graduating high school, and practice skills that are relevant to student success and the workplace. Topics covered in this course can include graduation planning, personal financial management, time management, interview skills, resume content and design, career research, workers rights, and the appreciation of different cultures and identities.



CAREER LIFE CONNECTIONS 4-CREDITS

Career Life Connections prepares students for the transition to post-secondary whether that's tertiary education or the workplace. Students explore different post-secondary opportunities, and visit local universities and colleges. Students research prerequisites for future education programs, and continue to pursue career research for future professions. Students practice interview skills and build on their resumes. Students also explore workers rights, and how to be respectful and valued in the workplace. This course also includes the following graduation requirements:

- Career Life Exploration, including:
 - Prior or current paid or unpaid work experience
 - Volunteerism or community service
 - Work Experience 12A/B
 - Youth Work in Trades 11/12
 - Leadership or service learning
 - Fieldwork, entrepreneurship, and projects focused on an area of deep interest

- Capstone Project & Presentation of Learning



WORK EXPERIENCE (WEX) 8-CREDITS AVAILABLE

WEX courses provide students with an opportunity to apply classroom learning in a context outside school and to bring back to the classroom new perspectives about their learning. The courses also provide students with the chance to gain new skills that can be used in future work opportunities. Completion of a four-credit WEX course meets the Applied Design, Skills, and Technologies graduation requirement. A student's work experience hours accrued during a ministry-authorized WEX placement may be used toward fulfilling the substantive experiential learning (30 hours or more) of career-life exploration required for graduation as outlined in Career-Life Connections (CLC), provided that at the time of enrolment in CLC the placement is relevant to the student's post-secondary planning.

Through Individual Directed Studies (IDS), students can receive an additional eight credits for work experience (to a maximum of 16 credits in total for all work experience courses).

YOUTH WORK IN TRADES (WRK) 16-CREDITS AVAILABLE



The Youth Work in Trades (WRK) program consists of two grade-level curricula, four separate courses and student training plans, and four work placements. Through participation in WRK, school-age students can earn up to 16 graduation credits and 480 work-based training hours required for provincially and nationally recognized industry trades credentials. The WRK program combines paid work-based training and a provincial curriculum that focuses on connecting, applying, reflecting on, and refining workplace skills and safety, work ethic, and job readiness.

Youth Work in Trades is offered in partnership with the Industry Training Authority, click [here](#) to find out more.



EXTERNAL CREDITS

The Ministry authorizes certain courses or credentials for credit toward graduation that are developed outside the Ministry of Education and taken by British Columbia students. For example, a student is entitled to receive two credits for completing an ICBC-Approved Driver Education Course.

Students who have questions about earning external credits or believe they may qualify for external credits should see their Careers teacher for more information.

Requirements for external credits are also available on the Ministry of Education External Credit information page, see [here](#).

It is the responsibility of the student to bring the correct documentation (approval letter or certificate) to their Careers Teacher in order for external credit to be added to their transcript.

AT MAPLEWOOD, WE BELIEVE IN THE POTENTIAL OF OUR STUDENTS.

THEY ARE BRIGHT.
THEIR POTENTIAL IS EXTRAORDINARY.
THEY SIMPLY LEARN DIFFERENTLY.

WE BELIEVE THAT EVERY CHILD
DESERVES TO FIT IN, TO FEEL LIKE
THEY'RE ON THE INSIDE. ABOVE ALL,
WE BELIEVE IN THE POTENTIAL OF
OUR STUDENTS.

THEY ARE ENTITLED TO LEARN
JOYOUSLY, TO SUCCEED AND TO
REACH THEIR POTENTIAL AND
BEYOND.



Faculty Information

Head of School: [Jim Christopher](#)

Deputy Head: [Jennifer Alexander](#)
Student Services Director

Director of Finance: [Carrie Baker](#)

Direct of Admissions: [Stella Tsiknis](#)

Director of Curriculum: [Tanya Hill](#)

MAHS Directors: [Jessica Hanna](#)
Mat leave till Jan 2023

Careers & Guidance: [Ashley Glacken](#)

Director of Counselling: [Neil Pinkerton](#)

Campus Information

Front Office: 7:30 am to 3:30 pm

Telephone: 604-985-5224

Email: office@kgms.ca

Fax: 604-985-4562

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