



Grade 10 Course Selection

Student Name: _____

Compulsory Courses

**Students have the option to choose between the Academic stream (D) and the Applied stream (P) in both Mathematics and Science. Please circle the choice below.*

Course Code		Course Title
MPM2D	MPM2P	Principles of Mathematics
ENG2D		English
CHC2D		Canadian History since World War 1
SNC2D	SNC2P	Science
GLC2O		Career Studies (half credit)
CHV2O		Civics (half credit)

Optional Courses

Select 5 Optional courses.

List them in order of preference from your 1st choice until your 5th choice.

Choice Order	Course Code	Course Title
1st Choice		
2nd Choice		
3rd Choice		
4th Choice		
5th Choice		

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Education Planner

Use the following chart to plan your course selection for obtaining an OSSD:

Grade 9	Grade 10	Grade 11	Grade 12	Additional
English	English	English	English	
Mathematics	Mathematics	Mathematics		
Science	Science			
Canadian Geography	Canadian History			
French	Civics and Citizenship/ Career Studies			
Learning Strategies*				
Arts*				
Physical Education*				

* Optional but often recommended in grade 9 (see below)

What do you need to graduate?

18 Compulsory Credits

4 English	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 Mathematics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2 Science	<input type="checkbox"/>	<input type="checkbox"/>		
1 Canadian Geography	<input type="checkbox"/>			
1 Canadian History	<input type="checkbox"/>			
1 Health and Physical Education	<input type="checkbox"/>			
1 The Arts	<input type="checkbox"/>			
1 French as a Second Language	<input type="checkbox"/>			
.5 Career Studies	<input type="checkbox"/>			
.5 Civics	<input type="checkbox"/>			

12 Optional Credits

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/> 40 Community Involvement Hours <input type="checkbox"/> Successful completion of the provincial literacy requirement OSSLT or OSSLC				

Credit from each of the following groups:

- ☐ **Group 1:** Additional credit in English, or French as a Second Language, or a Native language, or a Classical or an International language, or Social Sciences and the Humanities, or Canadian and World Studies, or Guidance and Career Education, or Cooperative Education
- ☐ **Group 2 :** Additional credit in Health and Physical Education, or the Arts, or Business Studies, or French as a Second Language, or Cooperative Education
- ☐ **Group 3 :** Additional credit in Science (Grade 11 or 12), or Technological Education, or French as a Second Language, or Computer Studies, or Cooperative Education



Grade 10 Course List

COMPULSORY COURSES

Principals of Mathematics (MPM2D)

This course enables students to broaden their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relations and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically and communicate their thinking as they solve multi-step problems. **Prerequisite:** None

Foundations of Mathematics (MFM2P)

This course enables students to consolidate their understanding of linear relations and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems, using real-life examples; and explore and interpret graphs of quadratic relations. Students will investigate similar triangles, the trigonometry of right triangles, and the measurement of three-dimensional figures. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. **Prerequisite:** None

English (ENG2D)

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course. **Prerequisite:** English, Grade 9, Academic or Applied

Canadian History since World War 1 (CHC2D)

This course explores social, economic, and political developments and events and their impact on the lives of different individuals, groups, and communities, including First Nations, Métis, and Inuit individuals and communities, in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on identities, citizenship, and heritage in Canada. Students will develop an understanding of some of the political developments and government policies that have had a lasting impact on First Nations, Métis, and Inuit individuals and communities. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914. **Prerequisite:** None

Science (SNC2D)

This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid-base reactions; forces that affect climate and climate change; and the interaction of light and matter. **Prerequisite:** Science, Grade 9, Academic or Applied

Science (SNC2P)

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science in real-world situations. Students are given opportunities to develop further practical skills in scientific investigation. Students will plan and conduct investigations into everyday problems and issues related to human cells and body systems; chemical reactions; factors affecting climate change; and the interaction of light and matter.

Prerequisite: Science, Grade 9, Academic or Applied

Civics and Citizenship (CHV20)

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them. Prerequisite: None

Career Studies (GLC20)

This course gives students the opportunity to develop the [skills](#), knowledge, and habits that will support them in their education and career/life planning. Students will learn about global work trends, and seek opportunities within the school and community to expand and strengthen their transferable skills and their ability to adapt to the changing world of work. On the basis of exploration, reflective practice, and decision-making processes, students will make connections between their skills, interests, and values and their postsecondary options, whether in apprenticeship training, college, community living, university, or the workplace. They will set goals and create a plan for their first postsecondary year. As part of their preparation for the future, they will learn about personal financial management – including the variety of saving and borrowing tools available to them and how to use them to their advantage – and develop a budget for their first year after secondary school. Prerequisite: None

OPTIONAL COURSES

Media Arts (ASM20)

This course enables students to create media art works by exploring new media, emerging technologies such as digital animation, and a variety of traditional art forms such as film, photography, video, and visual arts. Students will acquire communications skills that are transferable beyond the media arts classroom and develop an understanding of responsible practices related to the creative process. Students will develop the skills necessary to create and interpret media art works. **Prerequisite:** None

Healthy Active Living (PPL20)

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision-making, conflict resolution, and social skills in making personal choices. **Prerequisite:** None

Food and Nutrition (HFN20)

This course focuses on guidelines for making nutritious food choices. Students will investigate factors that influence food choices, including beliefs, attitudes, current trends, traditional eating patterns, food-marketing strategies, and individual needs. Students will also explore the environmental impact of a variety of food choices at the local and global level. The course provides students with opportunities to develop food-preparation skills and introduces them to the use of social science research methods in the area of food and nutrition. **Prerequisite:** None

Green Industries (THJ2O)

This course introduces students to the various sectors of the green industries – agriculture, forestry, horticulture, floristry, and landscaping. Using materials, processes, and techniques commonly employed in these industries, students will participate in a number of hands-on projects that may include plant or animal propagation; production, maintenance, and harvesting activities; the development of floral or landscaping designs; and/or related construction activities. Students will also develop an awareness of environmental and societal issues related to green industry activities, learn about safe and healthy working practices, and explore secondary and postsecondary education and training pathways and career opportunities in the various industry sectors.

Prerequisite: None

Communication Technology (TGJ2O)

This course introduces students to communications technology from a media perspective. Students will work in the areas of TV/video and movie production, radio and audio production, print and graphic communications, photography, and interactive new media and animation. Student projects may include computer-based activities such as creating videos, editing photos, working with audio, cartooning, developing animations, and designing web pages. Students will also develop an awareness of environmental and societal issues related to communications technology, and will explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields. Prerequisite: None

Introduction to Computer Studies (ICS2O)

This course introduces students to computer programming. Students will plan and write simple computer programs by applying fundamental programming concepts, and learn to create clear and maintainable internal documentation. They will also learn to manage a computer by studying hardware configurations, software selection, operating system functions, networking, and safe computing practices. Students will also investigate the social impact of computer technologies, and develop an understanding of environmental and ethical issues related to the use of computers. Prerequisite: None

Visual Arts (AVI2O)

This course enables students to develop their skills in producing and presenting art by introducing them to new ideas, materials, and processes for artistic exploration and experimentation. Students will apply the elements and principles of design when exploring the creative process. Students will use the critical analysis process to reflect on and interpret art within a personal, contemporary, and historical context. Prerequisite: None