



**MASSEY-VANIER HIGH SCHOOL**

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# **COURSE SELECTION INFORMATION BOOKLET**

- **EDUCATION PATHWAYS**
- **COURSE DESCRIPTIONS**

## REQUIREMENTS FOR OBTAINING A HIGH SCHOOL DIPLOMA

The Ministry of Education will grant a High School Diploma to a student who has fulfilled the following requirements:

54 credits in Sec. IV and Sec. V  
20 of these credits must be at the Sec. V level.

**Of these credits, the following courses are compulsory:**

- Sec. V Language of Instruction (English)  
6 credits
- Sec. V French Second Language  
4 credits
- Sec. IV History & Citizenship Ed. 4 credits
- Sec. IV Mathematics 4 Credits
- Sec. IV Arts education 2 credits
  
- Sec. IV Science & Technology 4 credits  
OR
- Sec. IV Applied Science & Tech 6 credits
  
- Sec. V Ethics & Religious. Culture  
OR
- Sec. V Physical Ed. & Health 2 credits

# WHAT YOU NEED TO KNOW BEFORE CHOOSING YOUR PATHWAY OR OPTIONS

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**If your goal is to enter a full time Vocational Education Program (DEP) you will need the following:**

- You must have obtained a high school diploma

**Or**

- In most cases, if you are 16 years of age and have obtained credits for Secondary IV English Language Arts, French Second Language and Mathematics. See the Guidance Counsellor for exceptions.

### **Samples of D.E.P. programs:**

Hairdressing

Professional Cooking

Cabinet Making

Auto Mechanics

Construction Trades (Plumbing, Carpentry, Electricity)

Home Care Assistance

Retail Butchery

Secretarial Studies

***For more information about programs in Vocational Education check the website at:***

**[www.inforoutefpt.org](http://www.inforoutefpt.org)**

**Find careers with the best job prospects by region at [emploisdavenir.gouv.qc.ca/en](http://emploisdavenir.gouv.qc.ca/en)**

## **If you plan to attend CEGEP (college studies) once you have obtained your high school diploma:**

Most CEGEPS offer two kinds of programs:

- **Pre-university:**  
2 year general programs of study for students who wish to continue their education at the university level
- **Career Technologies:**  
3 year specialized career programs for students who wish to enter the work force once they have completed their college studies. They can also pursue university studies if they wish.

Along with requiring a high school diploma, some CEGEP programs have additional course requirements you should be aware of:

### **PRE-UNIVERSITY PROGRAMS (2 YEAR):**

<b>Program</b>	<b>Leading to</b>	<b>High School courses required</b>
<b>Sciences</b> Some CEGEPs have 2 science profiles: <ul style="list-style-type: none"> <li>• Pure and Applied</li> <li>• Health</li> </ul>	Dentistry, Medicine, Pharmacy, Physiotherapy, Architecture, engineering, computer science, occupational therapy.	<ul style="list-style-type: none"> <li>• Physics</li> <li>• Chemistry</li> <li>• SN5 Math</li> </ul> Science programs are very competitive. Overall average of at least 80%.
<b>Social Science</b> <ul style="list-style-type: none"> <li>• Most CEGEPs have different profiles:</li> <li>• General, Psychology, criminology, education and more depending on the CEGEP.</li> </ul>	Anthropology, Criminology, Social Work, Law, Education, Psychology, History, Journalism, Economics	<ul style="list-style-type: none"> <li>• The requirement for admission is the High School Diploma</li> </ul>
<b>Social Science</b> <ul style="list-style-type: none"> <li>• Commerce profile</li> <li>• Math profile</li> </ul>	Commerce, Administration, Accounting, Finance, Management, Marketing and Advertising	<ul style="list-style-type: none"> <li>• SN5 Math</li> </ul>

<p><b>Creative and Applied Arts</b></p> <ul style="list-style-type: none"> <li>• Arts and Culture</li> <li>• Cinema-communications</li> <li>• Interactive Media Arts</li> <li>• Studio Arts</li> <li>• Visual Arts</li> </ul>	<p>University studies in Visual Arts, Fine Arts, Art Therapy, Drawing, Art History, Computer Arts, Game Design, Media, Communications, Journalism, Cinema Studies.</p>	<ul style="list-style-type: none"> <li>• High School Diploma</li> <li>• Portfolio</li> </ul>
<p><b>Liberal Arts</b></p>	<p>University Studies in Law, History, Literature, Philosophy, Political Science, International Development, Journalism, Communications</p>	<ul style="list-style-type: none"> <li>• High School Diploma</li> <li>• Letter of Intent</li> <li>• Overall average around 80%</li> <li>• Strong grades in English and Social Studies.</li> </ul>
<p><b>Arts Literature and Communication</b></p> <ul style="list-style-type: none"> <li>• <b>Creative Arts Profile</b></li> <li>• <b>Languages and Communication profile</b></li> </ul>	<p>University studies in art history, cultural studies, creative writing, education, film studies (creative arts profile) languages and culture, as well as journalism and communication studies. (Languages and communication profile)</p>	<ul style="list-style-type: none"> <li>• High School Diploma</li> </ul>
<p><b>Music</b></p>	<p>University studies in Music</p>	<ul style="list-style-type: none"> <li>• High School Diploma</li> <li>• Music classes</li> <li>• Audition</li> </ul>
<p><b>Honours Programs</b></p> <ul style="list-style-type: none"> <li>• <b>Social Science</b></li> <li>• <b>Science</b></li> </ul>	<p>They lead to the same University studies as Science and Social Science programs.</p>	<ul style="list-style-type: none"> <li>• High School Diploma</li> <li>• Letter of Intent</li> <li>• Letters of reference</li> </ul>

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## **CAREER OR TECHNOLOGY PROGRAMS (3 YEAR):**

In general, career programs in the **biological or physical sciences** will require students to have a minimum of Secondary IV Science Option Math (SN) and/or Secondary IV Environmental Science and Technology.

However, some programs may also require students to have either Chemistry or Physics. For a more detailed list, see your guidance counsellor.

**Social Science** careers (working with people) require a minimum of Sec. IV Cultural, Social and Technical Math (CST4)

**Administrative careers** that deal with business and/or finance have a minimum requirement of Sec. IV Science Option Math (SN4).

Careers in the **Applied Arts** (Music, Theatre, Photography, Graphic or Interior Design) require a minimum of Sec. IV Cultural, Social and Technical Math (CST4) and students may also **have to submit a portfolio or audition to be admitted.**

Some programs also require physical testing to be completed prior to March 1<sup>st</sup>.  
(Police, Paramedic Care)

<b>Program</b>	<b>Programs</b>	<b>Requirements</b>
<b>Social Science</b> (careers working with people)	Social Work Technician, Special Care Counselling, Tourism Management, Criminology Intervention.	<ul style="list-style-type: none"><li>• High School Diploma</li></ul> In some cases: <ul style="list-style-type: none"><li>• Letter of intent</li><li>• Interview</li></ul>
<b>Creative and Applied Arts</b>	3D animation, Graphic Design, Illustration, Interior Design, Photography, Professional Theater	<ul style="list-style-type: none"><li>• High School Diploma</li></ul> In some cases: <ul style="list-style-type: none"><li>• Portfolio</li><li>• Letter of Intent</li></ul>
<b>Science, Medical Studies and Engineering</b>	Nursing, physiotherapy technology, Pharmacy Technology, Civil engineering technology, Analytical Chemistry.	<ul style="list-style-type: none"><li>• High School Diploma</li></ul> The requirements vary by program Nursing: SN4 Math and Chemistry and a letter of intent. Physiotherapy Tech: Physics and a video submission Pharmacy Tech: Environmental Science and Tech. (sec IV)

		Civil Engineering tech: Environmental Science and Tech. (sec IV) and SN5 Analytical Chemistry: SN5 and Chemistry
<b>Business Technologies</b>	Accounting and Management Technology, Marketing and Management technology, Sport Marketing and Management Technology, Tourism Management, Computer Science Technology.	Accounting and Management Technology: SN4 OR CST5 Marketing and Management Technology: High School Diploma Sport Marketing and Management Technology: High School Diploma Tourism: High School Diploma Computer Science Technology: SN4 or CST 5

**Discover your professional interests and personality type using the Xello app.**

**All students have access to Xello.**

**The app can be found with their other Google Apps. See the Guidance Counsellor for assistance.**

# LEARNING PATHS IN SECONDARY CYCLE 2

As part of the Quebec Education Program (QEP), students going into Cycle 2 at the secondary level will have **FOUR** options to choose from.

These paths aim primarily to increase student motivation, improve learning and decrease the student dropout rate by recognizing that students are not all the same. These pathway options can better respond to students' individual needs and learning styles.

The four paths students will choose from are:

- 1. APPLIED EDUCATION PATH**
  - 2. GENERAL EDUCATION PATH**
  - 3. WORK ORIENTED TRAINING/SEMI-SKILLED**
  - 4. 2-4-U (Concomitance)**
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The **APPLIED** and **GENERAL Paths** provide students with the high school leaving diploma (DES) and allow entry to vocational training (DEP), college level studies and then university.

## APPLIED AND GENERAL EDUCATION PATHWAYS

For the most part, the **APPLIED** and **GENERAL EDUCATION** paths in Secondary 4 offer similar outcomes. While the differences between the two are explained below in detail, note that a student must be successful in Secondary III POP (Personal Orientation Project) to be eligible for the General Path in Secondary IV.

- **APPLIED EDUCATION** students will take the **Applied Science and Technology** course for **6 periods** (6 credits) with History of Quebec and Canada at **6 periods** (4 credits).
- **GENERAL EDUCATION** students will take **Science and Technology** at **4 periods** (4 credits) **as well as Environmental Science and Technology** at **4 periods** (4 credits) with History of Quebec and Canada at **4 periods** (4 credits).
- The **GENERAL EDUCATION** path is oriented towards students interested in pursuing an education in the sciences at the **POST-SECONDARY** level.

**BOTH** pathways lead to students attaining their **DES (DIPLOME D'EDUCATION SECONDAIRE)**



The third option **WORK ORIENTED TRAINING PATH** is intended to give students practical training for the workplace, while pursuing general education courses adapted to their needs. In this option, students may enter the work market or continue their studies in vocational or adult education. Students will graduate with a Pre-Work or Semi-Skilled training certificate of studies.

The fourth option, **2-4-U**, is a new program at Massey-Vanier starting in the Fall of 2023. This program allows for students to continue their general secondary education (DES) while completing a vocational education certification (DEP). Upon completion, the student graduates with his or her high school diploma (DES) and a vocational education diploma (DEP).

# CYCLE 1 FRENCH IMMERSION PROGRAMS

Massey-Vanier High School offers **FRENCH IMMERSION** programs for students who wish to follow most of their courses in French at the Secondary 1 and 2 levels.

The criteria for entry into French Immersion are that students must be passing **all** of their previous level courses.

**Please note:** If sufficient numbers do not warrant two groups in the level, only one group will be offered. Students will then be selected based on academic standing as well as teacher recommendation.

<b><u>COURSE OUTLINE FOR SECONDARY 1</u></b>	
Language Arts	In English
French	In French
Mathematics	In French
Geography	In French
Science & Technology	In French
Ethics & Religious Culture	In French
Physical Education	In English
Arts Option	In English

<b><u>COURSE OUTLINE FOR SECONDARY 2</u></b>	
Language Arts	In English
French	In French
Mathematics	In French
History & Citizenship	In French
Science & Technology	In French
Ethics & Religious Culture	In French
Physical Education	In English
Arts Option	In English

**Option Course**

**Descriptions**

**ALL Levels**

## SECONDARY 1 ARTS OPTIONS

Please number your choices in order of preference.

### VISUAL ARTS

#### **668104**

In the visual arts course, students will be involved in three basic activities during the year: they make artworks based on their own ideas, they create artworks intended to communicate ideas, and they learn to appreciate works of art made by others. In secondary I this last area of interest, appreciating works of others, the topics will include pre-historic art, the art of Egypt, as well as Greek and Roman art.

Students will have a chance to explore various media that may include drawing, painting, printmaking, photography and clay. Students will also be encouraged to participate in special projects and an end-of-year art exhibition.

### MUSIC

#### **669104**

The Massey-Vanier Music program will introduce students to the fundamentals of music theory, music appreciation, including the exploration of a variety of instruments, playing solo and within a group.

### DRAMA

#### **670104**

You will be actively exploring Performing Arts with a specific focus on acting. You will be introduced to the use of movement and voice in theatre in various theatre games. You will create different characters and you will be performing short scenes as well as larger projects in front of the teacher, class and live audiences.

### DANCE

#### **672104** (Mandatory T-Shirt and athletic footwear for every class)

The Massey-Vanier dance program focuses on interpretive dance. All styles and forms of dance are combined within various choreographies. Level One Dance is an **active class** that will physically and mentally challenge participants. **As an introduction to the MV Dance program, students will learn quickly that sitting idle and failing to participate is not an option in this class.** Each lesson is comprised of a warm-up, an instruction session whereby students will learn a choreographed dance, a practice session that will involve students performing in small groups to demonstrate achievements, followed by a fun dance cool-down activity. If the class proves to be productive throughout the year they will perform in our production **Kaleidoscope**, which is usually held during the spring.

## SECONDARY 2 ARTS OPTIONS

Please number your choices in order of preference.

### VISUAL ARTS

**668204** **NOTE:** There will be a user fee attached to this course.

In the visual arts course, students will be involved in three basic activities during the year: they make artworks based on their own ideas, they create artworks intended to communicate ideas, and they learn to appreciate works of art made by others. In Secondary II, this last area of interest, appreciating works of others, the topics will include the art Amerindian peoples and the art Renaissance.

Students will continue exploring various media that may include drawing, painting, printmaking, photography and clay. Students will also be encouraged to participate in special projects and an end-of-year art exhibition.

### MUSIC

**669204** **NOTE:** There will be a user fee attached to this course.

The secondary 2 Music program will build upon knowledge of musical theory, develop skills on a chosen instrument, investigate musical genres with performances of contemporary songs, both solo and within a group. Live performances will take place in front of their teacher, class, and live audiences.

### DRAMA

**670204** **NOTE:** There will be a user fee attached to this course.

You will be actively exploring Performing Arts with a specific focus on acting. You will be introduced to the use of movement and voice in theatre in various theatre games. 'Improv' rules and performance strategies will be introduced. You will create different characters, write and perform short scenes as well as interpret written scripts in front of the teacher, class and live audiences.

### DANCE

**672204** **(Mandatory T-Shirt and athletic footwear for every class)**

Secondary 2 Dance is an extension of the Secondary 1 course. Students at this level will begin to develop stronger dance and choreography skills. In addition to learning, creating and performing dances, students will gain confidence, develop leadership skills, and stay in shape. This is a challenging class both physically and mentally.

Students that choose dance must be ready to be active throughout each session.

**Sitting down or choosing not to participate is not an option! Massey-Vanier's cell phone policy will be enforced!** If the class proves to be productive throughout the year they will perform in our spring production, **Kaleidoscope**.

## SECONDARY 3 ARTS OPTIONS

Please number your choices in order of preference.

### VISUAL ARTS

#### 668302

In the visual arts course, students will be involved in three basic activities during the year: they make artworks based on their own ideas, they create artworks intended to communicate ideas, and they learn to appreciate works of art made by others. In Secondary III, this last area of interest, appreciating works of others, the topic will be Canadian Art of the past and present.

Students will continue exploring various media, including drawing, painting, printmaking, photography and clay. Students will also be encouraged to participate in special projects and an end-of-year art exhibition.

### MUSIC

#### 669302

Secondary 3 music will continue musical theory with both reading and writing musical notation, tablature, and chord charts. Previous study of contemporary music will be developed into original compositions to be performed both solo and in groups. Live performances will take place in front of their teacher, class, and live audiences.

### DRAMA

#### 670302

You will be actively exploring Performing Arts with a focus on acting while exploring other technical theatre responsibilities. You will continue to use movement and voice in theatre in various theatre games. 'Improv' rules and performance strategies will be expanded to include tournament play. You will create different characters, write and perform short scenes as well as larger projects that include technical sound and light design. Performances will take place in front of the teacher, class and live audiences.

### DANCE

#### 672302 (Mandatory T-Shirt and athletic footwear)

Secondary 3 Dance is an extension of the Secondary 2 course. Students at this level will begin to develop stronger dance and choreography skills. In addition to learning, creating and performing dances, students will gain confidence, develop leadership skills, and stay in shape. This is a challenging class both physically and mentally. Students that choose dance must be ready to be active throughout each session.

**Sitting down or choosing not to participate is not an option! Massey-Vanier's cell phone policy will be enforced!** If the class proves to be productive throughout the year they will perform in our spring production, **Kaleidoscope**.

# SECONDARY 4

## A. Choose your English course based on the following:

### ENGLISH LANGUAGE ARTS COURSES

The focus of the **regular stream** is the strengthening of reading, writing, and speaking skills, while preparing for the Secondary 5 MEES leaving exam. For the **enriched stream**, students strengthen their skills and prepare for the Secondary 5 leaving exam, as well; however, they also explore additional aspects of literature, language, and literacy. They study other novels that help them gain a deeper appreciation of English literature. They also complete writing pieces that will help them deepen this appreciation.

The same evaluation criteria are used in both streams of ELA. While students with strong abilities in English will be placed in the enriched stream, students who have demonstrated growing potential, an interest in the subject, concerted effort, and/or a particular drive are also considered for enriched English.

## B. Choose your French course based on the following:

### FRENCH SECOND LANGUAGE COURSES

The Enriched course is targeted towards students who are already competent in French and who are interested in further exploration of the language through the use of linguistics, poetry, and short stories.

The course gives the opportunity to study and appreciate literary and cinematographic works from La Francophonie. The students will be asked to interpret and produce texts of different literary genres.

Advanced vocabulary will be developed and enriched through the differing themes and genres explored. Grammar is incorporated through the correction of errors that are often made by first language speakers. (agreement of past participle, pronouns complement...)

**C.** All students must choose ONE Education Pathway:

<b>GENERAL EDUCATION PATHWAY</b>	<b>APPLIED GENERAL EDUCATION PATHWAY</b>
<ul style="list-style-type: none"><li>• For students interested in pursuing a science pathway in the future</li><li>• Covers the world of science including Chemistry, Earth Sciences, Life Sciences and Technology</li><li>• Students in this pathway <b><u>MUST</u></b> take Environmental Science &amp; Technology</li></ul>	<ul style="list-style-type: none"><li>• For students interested in covering the world of science, including Life Sciences and Earth Sciences, with a heavier focus on technology.</li></ul>

**NOTE:**

**Students who wish to change Pathways must meet with a Guidance Counselor before this change can be made.**



## SCIENCE PATHWAY COURSES

### APPLIED SCIENCE PATHWAY

#### **APPLIED SCIENCE & TECHNOLOGY (557416)**

**6 periods and 6 credits**

This is a survey course of the world of science including earth and life sciences, with a focus on technology. Students have more time to complete construction projects in the technology section.

- This is the basic level science class needed for a DES
- This course allows students to have 6 periods of History in Secondary IV.

### GENERAL SCIENCE PATHWAY

#### **GENERAL and ENVIRONMENTAL SCIENCE & TECHNOLOGY (558404-555444)**

**Each course is offered over 4 periods for 4 credits each giving a total of 8 periods of science and 8 credits.**

This pathway offers two Science courses (the General and the Environmental) that complement each other and are meant to be taught together. **Please note:** these courses cannot be taken separately and that students opting for this pathway will only have **4 periods** of Secondary IV History.

The **General** course is a survey of the whole world of science including physical, earth and life sciences and technology.

- This course is the basic level science class needed for a DES.

The **Environmental** course extends the General course deeper into Chemistry, Physics and Environmental Science. It is an introduction for students who want to pursue post-secondary science and will help students make an informed decision on their ability and desire to take Chemistry or Physics in Secondary Five.

- **Passing these courses is a prerequisite for Chemistry and/or Physics in Secondary 5.**
- Students need a strong math background to succeed in this course. It is recommended that students maintain an average of at least 75% in Secondary 3 Math and Secondary 3 Science.

**D. Choose your Math course based on the following:**

**OVERVIEW OF MATHEMATICS COURSES IN CYCLE II**

In secondary IV, students must choose a mathematics program. Massey-Vanier offers two math courses to secondary IV students. A student's choice in secondary IV mathematics should correspond with his/her future aspirations, an interest and strength in math, usually based on secondary III math results.

The table below gives a brief comparison of the two courses.

<b><u>CULTURAL SOCIAL AND TECHNICAL (CST)</u></b>	<b><u>SCIENCE OPTION (SN)</u></b>
Prepares students more specifically for studies in the arts, communications, the humanities, and the social sciences. Gives access to professional trade training.	Prepares students more specifically to pursue their studies in sciences and commerce or eventually to perhaps specialize in research
Helps students build on their knowledge of basic mathematics	Mainly aims at developing concepts and processes inherent to algebra and geometry, while examining statistics as it relates to functions
Emphasizes situations that students will encounter in their personal and professional lives related to health, the environment, consumerism, or the media	Emphasizes the students' ability to develop their capacity for abstract thinking and analyzing theoretical models

**Please keep in mind that the SN IV math option is very challenging. Students who have not displayed a good work ethic or students who require more time to synthesize new material will struggle in this course. Students who have a passing end of year math average of less than 75% in secondary III will be placed in CST math.**

## **E. 2 PERIOD ARTS OPTIONS (BOTH PATHWAYS)**

**Please number your choices in order of preference.**

### **VISUAL ARTS**

#### **668402**

In the visual arts course, students will be involved in three basic activities during the year: they make artworks based on their own ideas, they create artworks intended to communicate ideas, and they learn to appreciate works of art made by others. In Secondary IV this last area of interest, appreciating works of others, the topics will be the Impressionists and early 20th century modernist art.

Students will continue exploring various media that may include drawing, painting, printmaking, photography and clay. Students will also be encouraged to participate in special projects and an end-of-year art exhibition.

The level four art program will concentrate on various media in drawing, painting and sculpture.

### **MUSIC**

#### **669402**

Secondary 4 music, will challenge students to incorporate previous musical theory study and song composition to create original musical performances that will be recorded. The songs will require musical skills developed over the previous years on their chosen instrument(s). The recordings will be compiled onto a CD and presented to a panel of music industry professionals for feedback and support.

### **DRAMA**

#### **670402**

You will be actively exploring Performing Arts with a focus on acting while exploring other technical theatre responsibilities. You will refine the use of movement and voice in theatre in various theatre games and live performances. 'Improv' rules and performance strategies will include tournament play. You will create different characters, write and perform short scenes as well as larger projects that include technical sound and light design. Interpretation of written scripts will be performed in front of the teacher, class and live audiences.

### **DANCE**

#### **672402**

**(Mandatory T-Shirt and athletic footwear for every class)**

Secondary 4 Dance is an extension of the Secondary 3 course. Students at this level will begin to develop stronger dance and choreography skills. In addition to learning, creating and performing dances, students will gain confidence, develop leadership skills, and stay in shape. This is a challenging class both physically and mentally. Students that choose dance must be ready to be active throughout each session. **Sitting down or choosing not to participate is not an option! Massey-Vanier's cell phone policy will be enforced!** If the class proves to be productive throughout the year they will perform in our spring production, **Kaleidoscope**.

# SECONDARY 5

## A. Choose your English course based on the following:

### ENGLISH LANGUAGE ARTS COURSES

The focus of the **regular stream** is the strengthening of reading, writing, and speaking skills, while preparing for the Secondary 5 MEQ leaving exam. For the **enriched stream**, students strengthen their skills and prepare for the Secondary 5 leaving exam, as well; however, they also explore additional aspects of literature, language, and literacy. They study other novels that help them gain a deeper appreciation of English literature. They also complete writing pieces that will help them deepen this appreciation.

The same evaluation criteria are used in both streams of ELA. While students with strong abilities in English will be placed in the enriched stream, students who have demonstrated growing potential, an interest in the subject, concerted effort, and/or a particular drive are also considered for enriched English.

## B. Choose your French course based on the following:

### FRENCH SECOND LANGUAGE COURSES

The Enriched course is targeted towards students who are already competent in French and who are interested in further exploration of the language through the use of linguistics, poetry, and short stories.

The course gives the opportunity to study and appreciate literary and cinematographic works from La Francophonie. The students will be asked to interpret and produce texts of different literary genres.

Advanced vocabulary will be developed and enriched through the differing themes and genres explored. Grammar is incorporated through the correction of errors that are often made by first language speakers. (Agreement of past participle, pronouns complement...)

**C. Choose your Math course based on the following:**

<b>Cultural, Social &amp; Technical Math 4 (CST 4)</b>	<b>Science Option 4 (SN 4)</b>
<ul style="list-style-type: none"> <li>• Are successful in Secondary 3 math</li> <li>• Not successful in CST 4</li> <li>• Not successful in SN 4</li> </ul>	<ul style="list-style-type: none"> <li>• Not successful in SN 4 (requires recommendation from Math teacher)</li> <li>• Have achieved an <b><u>80% or above</u></b> final average in CST 4</li> </ul>
<b>Cultural, Social &amp; Technical Math 5 (CST 5)</b>	<b>Science Option 5 (SN 5)</b>
<ul style="list-style-type: none"> <li>• Successful in CST 4</li> <li>• Successful in SN 4</li> </ul>	<ul style="list-style-type: none"> <li>• Successful in SN 4</li> </ul>

**NOTE:**

Scheduling constraints cannot guarantee the SN 4 option. Should this not be possible, the students will be registered in CST4 or CST 5 depending on their Secondary 4 Math results.

## D. 2 PERIOD ARTS OPTIONS

Please number your choices in order of preference.

### VISUAL ARTS

#### 668502

In the visual arts course, students will be involved in three basic activities during the year: they make artworks based on their own ideas, they create artworks intended to communicate ideas, and they learn to appreciate works of art made by others. In Secondary V this last area of interest, appreciating works of others, the topic will be contemporary art.

Students will continue exploring various media, including drawing, painting, printmaking, photography and clay. Students will also be encouraged to participate in special projects and an end-of-year art exhibition.

### MUSIC

#### 669502

Secondary 5 music will culminate all previous musical study in a year of live performances. Students will be asked to create, rehearse and perform a set of live music at school activities, after school events, and auditorium concerts.

### DRAMA

#### 670502

You will be actively exploring Performing Arts with a focus on acting while incorporating other technical theatre responsibilities. You will refine the use of movement and voice in theatre in various theatre games and live performances. 'Improv' rules and performance strategies will include tournament play and Improv Olympics. You will create different characters, write and perform short scenes as well as larger projects that include technical sound and light design. Interpretation of written scripts, both classic plays and original scripts, will be performed in front of the teacher, class, and live audiences.

### DANCE

#### 672502

**(Mandatory T-Shirt and athletic footwear for every class)**

The sec 5 dance course is an interpretive dance class that will concentrate on dance as a creative process through four inter-dependent stages: perception, exploration, creation and appreciation. Using a variety of music and dance styles students will be challenged by a more intense and technical choreography than proposed in level four, with more emphasis on personal choreography, contribution, and the building of leadership skills. Sec 5 Dance welcomes students that not only love to dance but are willing to dance and be active. The Dance T-Shirt and proper footwear are mandatory and essential for students to participate.

**Massey-Vanier's cell phone policy will be enforced!** If the class proves to be productive throughout the year they will perform in our production **Kaleidoscope**, which is usually held in the spring.

## **E. 4 PERIOD OPTION COURSES**

**Please select your choices in order of preference.**

Ensure that your first and second choices are not in the same block.

Courses with enrolments under 25 are subject to cancellation.

Some courses have prerequisite criteria.

Alternates are considered as firm commitments.

### ➤ **FITNESS & WELLNESS**

#### **546544**

This course will provide the students with information about fitness and health to create an increased awareness of the importance of daily healthy and active living. The goal is to help them make informed, responsible, and positive choices that contribute to their well-being with the understanding that their health is a lifelong commitment. The goal is also to motivate and make the students realize they are responsible for their own physical fitness, and they have the power to increase the quality and quantity of life.

Over the course of the year some classes will be designated in the classroom and the rest will be in the gyms. The activities in the gym will involve aspects of cardiovascular fitness, strength, and flexibility, along with pre – and – post fitness testing in these areas.

### ➤ **CHEMISTRY**

#### **551504**

**Prerequisite: Student must be successful in General and Environmental Science in Secondary 4**

Chemistry is a science that deals with the composition, reactions and properties of matter and is organized around four general concepts: gases, energy changes in reactions, reaction rate and chemical equilibrium. The chemistry program is intended to enrich students' scientific training and is a prerequisite for several pre-university or technical programs at the college level.

### ➤ **PHYSICS**

#### **553504**

**Prerequisite: Student must be successful in SN IV Math as well as in the General and Environmental Sciences in Secondary 4**

Physics deals with the fundamental components of the universe and their interactions, and with forces and their effects and is organized around four general concepts: kinematics, dynamics, transformation of energy and geometric optics. The physics program is intended to enrich students' scientific training and is a prerequisite for several pre-university or technical programs at the college level.

## **4 PERIOD OPTION COURSES – CONTINUED**

### ➤ **INTRODUCTION TO FORENSICS** **559534**

Rooted in the core sciences of chemistry and physics, with an overall theme of human anatomy, physiology and pathology, the intent of this course is to show students practical applications of how the science they learn can be used the field, in this instance, to solve criminal investigations.

#### **Course content will include the following:**

Observational science and the scientific method (advanced); Human Anatomy and physiology (advanced); Human DNA comparison techniques; Human pathology and injury; Fingerprint development and identification techniques; Footwear impression development and identification techniques; Ballistics (physics section); Basic Blood Stain Pattern Recognition (physics section); Crime Scene

### ➤ **INTRODUCTION TO FILM STUDIES** **612544**

What makes a good film? Why are some films better than others? In this course practical and technical aspects of film will be explored to understand the complex world of movies. The main learning outcome will be the exploration of film as literature and as works of art while analyzing films and producing student-designed creations.

You will have the opportunity to analyze films by acclaimed filmmakers such as: Guillermo del Toro, Steven Spielberg, Peter Jackson, Francis Ford Coppola, Tim Burton and many more. You will also have the opportunity to study the works of acclaimed actors, music directors and special effects artists as well as learn the terminology and the meaning behind all the techniques used in films.

### ➤ **AGRICULTURAL STUDIES** **614554**

Agriculture is an important part of our local economy and offers diverse career opportunities. This class will help students to understand the importance of food production and stewardship of the land as well as providing the opportunity to learn about career options. The class will include guest speakers, field trips and independent projects with a focus on issues facing local and Quebec farmers.



## **4 PERIOD OPTION COURSES – CONTINUED**

### ➤ **LAUGHING OUT LOUD** **614564**

This class aims to answer a single guiding question: what makes us laugh? To find an answer, students will examine some of the ways in which we experience humour, including stand-up, sitcoms, and comedy films. From knock-knock jokes to *National Lampoon*, from *Looney Tunes* to TikTok, students will discover what inspires laughter, and, with any luck, share a chuckle or two along the way.

### ➤ **HOME ECONOMICS – INDEPENDENT LIVING** **620564**

Are you prepared to live on your own (alone or with a friend) – for a few months – for a few years? What do you know about cooking the healthy way? What do you know about marital regimes, wills, budgeting, leases and rental agreements, income tax or basic garment care? Living independently can be great fun or a frightening disaster.

In this course we focus on how to manage things that we use in real life so that you will be prepared to make decisions and keep yourself healthy. You will practice preparing tasty, quick, economical meals.

### ➤ **INTRODUCTION TO PSYCHOLOGY & SOCIOLOGY** **626554**

This introductory course includes these topics: Cultures, Norms & Beliefs; Conformity, Deviance & Social Control; Prejudice, Discrimination & Bias; Personality; Nature vs. Nurture; Development of the Brain & Behaviour Studies; Abnormal Psychology. And will provide students with a good base for any psychology course you may choose to take in the future.

### ➤ **VIVRE EN FRANCAIS** **634574**

The course is designed for base French program students who want to improve their French and need that extra help to graduate or feel more confident. We will work on communication skills and vocabulary. The goal is to build competence by working on the gaps in the basics in a more informal way.

## **4 PERIOD OPTION COURSES – CONTINUED**

➤ **ESPAÑOL ELEMENTAL**  
**641504**

Novice level course. Further study of fundamental structures, with a view to developing oral and written comprehension and expression. Communication activities through to-do tasks. Presentation of some cultural aspects of the Hispanic world.

➤ **ITALIAN**  
**648514**

The student will learn the basics of the Italian language through multiple activities. They will learn grammar and vocabulary through texts, movies, and written activities. At the end of year, the student will be competent using a basic vocabulary speaking, writing, and reading. They will be introduced to Italian culture and Italy, as well.

➤ **UNDERSTANDING GRAPHIC NOVELS**  
**657544**

Is there anything better than captivating images and thought-provoking stories? Within the course Graphic Novels, we will be primarily focused on graphic novels, but we're also going to explore many illustrated narrative forms such as comic books, webcomics, zines, and children's stories. We're going to be diving deep into many literary and visual aspects of the graphic novel genre. The course will cover a variety of graphic novels. If you're an avid graphic novel reader or even a new reader who is interested in the genre, then this course is for you!