



**South Delta  
Secondary School**

750 - 53 Street  
Delta, BC V4M 3B7

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# Course Planning Guide 2021-2022

## Welcome to South Delta Secondary School...

Each student will have an individual timetable which must operate within the constraints of facilities, staffing, graduation requirements and individual choice. Students should anticipate possible conflicts in course scheduling and will discuss options with their counselor in this case.

The determination of the elective courses to be offered in any given year is based almost entirely on student requests.

It is essential that students select their courses carefully because once the timetable is created, it is extremely difficult or, in some cases impossible, to make course changes.

While students will have opportunities to receive guidance from counselors and/or the career advisor in determining which courses best suit individual needs, each programme of studies is the responsibility of the student and the parent.

All Students entering Grades 10, 11 and 12 should check course requirements for post-secondary programmes. Information is available in the Career Center and on various websites.

<b>Principal:</b>	<b>Mr. Terry Ainge</b>	<b>(Grade 12)</b>
<b>Vice- Principals:</b>	<b>Ms. Terri Farnden</b>	<b>(Grade 8 &amp; 10)</b>
	<b>Mr. Tom Inkster</b>	<b>(Grade 9 &amp; 11)</b>
<b>Counsellors:</b>		
<b>Grade 9</b>	<b>Ms. Stephanie Sammartino</b>	<b>(Grade 8 F- K)</b>
<b>Grade 10</b>	<b>Ms. Val Hayes</b>	<b>(Grade 8 L- Q)</b>
<b>Grade 11</b>	<b>Ms. Karen Kilpatrick</b>	<b>(Grade 8 R- Z)</b>
<b>Grade 12</b>	<b>Ms. Wendy Diomis</b>	<b>(Grade 8 A- E)</b>
<b>Career &amp; Post- Secondary Advisor: Ms. Kathleen Fernandes</b>		

## SELECT NEXT YEAR'S COURSES (Available February)

Parents work with their children online to select next year course requests. Students will select course requests in MyEd BC, which will indicate how many courses are required and will provide all the options for selection. Once the course request input deadline has been reached, students will no longer be able to edit or select course requests.

## Grade 8

### Required Courses

Applied Skills Rotation  
English  
Math  
Science\*\*  
Social Studies\*\*  
Physical & Health Education  
French\*\*

### **\*\*French Immersion Program\*\***

Français langue  
Sciences humaines  
Sciences naturelles

### Elective Courses

Fine Arts Rotation  
Instrumental Music: Beginner Band  
Instrumental Music: Band  
Choral Music: Concert Choir

*(Academy students only able to choose 1 elective)*

## Grade 9

### Required Courses

English  
Math (Regular or Fundamental)  
Physical & Health Education  
Science\*\*  
Social Studies\*\*

### **\*\*French Immersion Program\*\***

Français langue  
Sciences humaines  
Sciences naturelles

### Elective Courses *(choose 3; 2 for Immersion)*

Animation & 3D Modeling  
Art Studio: Graphics and Photography  
Business (Entrepreneurship & Marketing)  
Choral Music: Concert Choir  
Choral Music: Vocal Jazz *(after school)*  
Computer Studies  
Drafting & Design  
Drama  
Fashion (Textiles)  
Food Studies  
French  
Instrumental Music: Band  
Instrumental Music: Guitar  
Instrumental Music: Jazz Band *(outside time table)*  
Instrumental Music -Musical Pit Orchestra *(after school)*  
Mechanics  
Multimedia  
Musical Theatre *(after school)*  
Studio Arts 3D: Ceramics and Sculpture  
Spanish  
Theatre Production *(after school)*  
Technology  
Woodwork

## Grade 10

### Required Courses

**English - (choose 1)** Creative Writing/Composition or Literary Studies/Composition or New Media/Composition or Debate/Composition or Pre AP English

**Math** (Foundations/Pre-Calculus or Workplace)

**Career Life Education**

**Physical & Health Education or Fit 4 Life**

**Science\*\***

**Social Studies\*\***

**STRIVE (English/Math/PE/Science)**

*\*application required for enrollment into Pre AP English*

### Elective Courses

Accounting 11

Animation & 3D Modeling

Art Studio: Graphics and Photography

Business (Entrepreneurship & Marketing)

Choral Music: Concert Choir

Choral Music: Vocal Jazz (*after school*)

Computer Studies

Culinary Arts 11

Drafting & Design

Drama

Fashion (Textiles)

Food Studies

French

Instrumental Music: Band

Instrumental Music: Guitar

Instrumental Music-Musical Pit Band(*after school*)

Instrumental Music: Jazz Band (*outside time table*)

Introductory Spanish

Leadership and Personal Development

Mechanics

Musical Theatre (*after school*)

Spanish

Studio Arts 2D: Drawing and Painting

Studio Arts 3D: Ceramics and Sculpture

Theatre Production (*after school*)

Woodwork

### \*\*French Immersion Program

Français langue - Mandatory

Must choose minimum of two:

Sciences humaines

Sciences naturelles

Études des arts modernes (dramatique et médiatique)

or

Éducation au choix de carrière et de vie (French Immersion Career Life Education 10 online)

# Grade 11

## Required Courses

**Career Life Education** (*if not completed in Grade 10*)

**English - (choose 1)** Creative Writing/ Literary Studies/New Media/ Debate / Pre AP English\*

**Math** (Workplace/Foundations/Pre-Calculus, Double Block Pre-Calculus 11 & Pre Calculus 12\*)

**Science\*\*** (Life Science, Environmental Science, Chemistry, Pre AP Chemistry, Earth Science, Pre-AP Physics, Physics and or Science for Citizens )

**Social Studies** (Law, Political Studies, Human Geography, Comparative Cultures, Comparative World Religions, 20<sup>th</sup> Century World History, Social Justice), Explorations in Social Studies 11

*\*application required for enrollment into Pre AP English and Math Challenge*

## Elective Courses

20<sup>th</sup> Century World History 12

Accounting

Active Living (Physical Health Education)

Animation & 3D Modeling

Automotive Technology

Chemistry

Chemistry - Pre AP

Choral Music: Concert Choir

Choral Music: Vocal Jazz (*after school*)

Comparative Cultures 12

Comparative World Religions 12

Computer Science (Math 11)

Culinary Arts

Drafting & Design

Drama

Earth Science

Economic Theory 12

Environmental Science

Explorations in Social Studies 11

Fashion (*during/after school options*)

Fashion Industry 12

Fashion Costume Design 12 (*outside time table*)

Financial Accounting 12

Fit 4 Life

Food Studies (*after school*)

French

Geometry 12

Graphics

Health Psychology

History Through Film

Human Geography 12

Independent Directed Studies (*permission needed*)

Instrumental Music- Band

Instrumental Music: Guitar

Instrumental Music: Jazz Band (*outside time table*)

Instrumental Music: Musical Pit Band(*after school*)

Introductory Spanish

Law Studies 12

Leadership and Personal Development

Life Science(*formerly: Biology*)

Media Arts

Music Composition & Production

Musical Theatre (*after school*)

Performance Mechanics

Physics

Physics - Pre AP

Political Studies 12

Psychology

Recreational Leadership

Science for Citizens

Social Justice 12

Spanish

Strength & Conditioning

Studio Arts 2D: Drawing and Painting

Studio Arts 3D:Ceramics and Sculpture

Theatre Production (*after school*)

Woodwork

Work Experience or Work Experience- First Responder - (*permission needed*)

### French Immersion Program

Français langue - Mandatory (Études du cinéma et de la littérature francophones)

### Must choose minimum of one:

Sciences humaines

Études des arts modernes (dramatique et médiatique)

# GRADUATION REQUIREMENTS

All students entering grades 12 should check course requirements for specific post-secondary programs. Information is available in the Career Centre and with your counsellor.

The B.C. Certificate of Graduation, or Dogwood Diploma, is awarded to students who successfully complete the provincial graduation requirements. To graduate, students require at least 80 credits total. Of these 80 credits:

## Required Courses (52 credits)

52 Credits from Required Courses **and** 28 Credits from Elective Courses = **80 Credits total**

<b>Français langue 10</b>	(4 credits)
<b>Français langue 11</b>	(4 credits)
<b>Français langue 12</b>	(4 credits)
Physical and Health Education 10	(4 credits)
Science 10/ <b>Sciences naturelles 10</b>	(4 credits)
Science 11 or 12	(4 credits)
Social Studies 10/ <b>Sciences humaines 10</b>	(4 credits)
Social Studies 11 or 12/ <b>Sciences humaines 11</b>	(4 credits)
Math 10	(4 credits)
Math 11 or 12 course	(4 credits)
Language Arts 10	(4 credits)
Language Arts 11	(4 credits)
Language Arts 12	(4 credits)
Arts Education <b>and/or</b> Applied Design, Skills, and Technologies 10, 11, or 12/ <b>Études des arts modernes (dramatique et médiatique)</b>	(4 credits)
Career-Life Education	(4 credits)
Career-Life Connections	(4 credits)

### \*\* French Immersion Requirements \*\*

(French Immersion students not taking Sciences naturelles 10, must take Études des arts modernes (dramatique et médiatique or **Éducation au choix de carrière et de vie (French Immersion Career Life Education 10 online)** to receive your double dogwood)

## Elective Courses (28 credits)

Any Grade 10, 11 or 12 course that is not a required course is considered an elective course. A minimum of 16 of these credits must be at the grade 12 level.

### Fine Arts

Any Grade 10, 11 or 12 level Art, Drama or Music course meets the Fine Arts requirement.

### Applied Skills

Any Grade 10, 11 or 12 Business Education, Home Economics or Technology course meets the Applied Skills requirement.

**Of the 80 credits required for graduation, at least 16 must be at the Grade 12 level, including a Grade 12 Language Arts course.**

*(In addition, students must also complete Literacy 10, Numeracy 10 and Literacy 12)*

## Grade 12

### Required Courses

English Studies or AP English or English First Peoples  
Français langue 12 (*for Immersion Students*)  
Career Life Connections (CLC)

### Elective Courses

20<sup>th</sup> Century World History  
Active Living (Physical & Health Education)  
Accounting 11  
Animation & 3D Modeling  
Anatomy & Physiology (*formerly: Biology*)  
AP Calculus  
AP Chemistry  
AP English Lit./Composition  
AP Physics  
AP Psychology  
Apprenticeship Mathematics  
Art Foundations (IDS)  
Automotive- Engine & Drivetrain  
Automotive Technology  
Chemistry  
Choral Music: Concert Choir  
Choral Music: Vocal Jazz (*after school*)  
Comparative Cultures  
Comparative World Religions  
Computer Science  
Culinary Arts  
Drafting & Design  
Drama  
Earth Science 11  
Economic Theory  
Environmental Science  
Exploration is Social Studies 11  
Fashion (*during/after school options*)  
Fashion Costume Design (*outside time table*)  
Fashion Industry  
Financial Accounting  
Fit 4 Life  
Fitness & Conditioning (*formerly Superfit*)  
Foods Studies (*after school*)  
Foundations of Math  
French  
Geology  
Geometry  
Graphics  
Health Psychology 11  
History Through Film  
Human Geography  
Independent Directed Studies (*permission req'd*)  
Instrumental Music- Band  
Instrumental Music- Guitar  
Instrumental Music- Jazz Band (*outside time table*)  
Instrumental Music: Musical Pit Band (*after school*)

Introductory Spanish 11  
Law Studies  
Leadership and Personal Development  
Media Arts  
Music Composition & Production  
Musical Theatre (*after school*)  
Performance Mechanics 11  
Physics  
Physics - Pre AP 11  
Political Studies  
Pre- Calculus  
Pre- Calculus 11/Pre- Calculus 12 (*Double block*)  
Pre- Calculus 12/Calculus (*Double block*)  
Psychology 11  
Recreational Leadership  
Science for Citizens 11  
Social Justice  
Spanish  
Strength & Conditioning  
Studio Arts 2D: Drawing and Painting  
Studio Arts 3D: Ceramics and Sculpture  
Theatre Production (*after school*)  
Woodwork  
Work Experience or Work Experience- First Responder  
- (*permission needed*)

### \*\*French Immersion Program

Français langue - Mandatory

Elective:

Études des arts modernes (dramatique et médiatique)



## Art Studio 9: Graphics & Photography

**MVA- - 09GPH**

This course explores a variety of graphic techniques, including illustration, printmaking, computer graphics, and digital photography. Students create all work by exploring various graphic design processes, and use sketchbooks to expand and develop ideas.

## Multimedia 9

**MADMA09**

This course introduces students to sculpture, clay (including the potter's wheel), drawing, painting, and graphic design. Students sample and explore a wide variety of 2-D and 3-D topics and ideas, and have the opportunity to work on self-selected themes in their sketchbook. Possible media used may include: wax, charcoal, clay, scratchboard, acrylics, soapstone, and plaster. Interested students may design and paint skim boards as a spring project.



## Studio Arts 3D 9: Ceramics & Sculpture

**MVA- - 09CER**

This course is designed for students who like to build and construct 3-D art and sculptures. While a sketchbook is used for sketching and exploring creative ideas or planning work, most of the major projects will be three-dimensional. Materials that may be used throughout the year include: clay; lego; plaster; wood; cardboard; glass; papier mache; and found (repurposed) materials.

## Art Studio 10: Graphics & Photography

**MVAST10**

This course explores a wide variety of graphic techniques including digital photography. Basic camera work, illustration, computer graphics, green-screen work, and printmaking are explored. A sketchbook is also used to explore personal themes. It is highly recommended that students have access to a digital camera for their course work.



## Studio Arts 2D 10: Drawing & Painting

**MVAD- 10**

This course is for the drawing and painting enthusiast. Students have the opportunity to develop personal and original ideas through a wide range of media, which may include pen and ink, acrylics, conté crayon, collage, pastels, charcoal, scratchboard, and water colour. Students are encouraged to work from imagination, observation, and memory as they create assignments and develop original imagery. Opportunities to exhibit finished works will be provided.

## Studio Arts 3D 10: Ceramics & Sculpture

**MVAC- 10**

This course opens students' eyes to the world of 3-D art. Projects are constructed from a variety of three-dimensional media that may include wax, plaster, clay, wood, cardboard, and found materials. Students design and explore creative concepts in their sketchbook as they develop their 3-D projects in small, medium, and large scales.

## Graphics 11

**MVAGA11**

Silkscreen printing, computer graphics, digital photography, relief printing, Photoshop are just a few of the processes explored in this course. Students will design graphically for a variety of purposes: t-shirt art; business cards; logos, and posters, and will photograph and prepare layouts for the school yearbook.

## Media Arts 11: Media Arts & Animation

**MMEDD11**

While photography is the main focus in this course, other units such as animation, illustration, flipbooks, and stencil work is explored. Students complete a number of projects ranging from basic technical exercises on camera operation to preparation of quality prints for the school yearbook. Students are expected to have access to a digital camera.

## Studio Arts 2D 11: Drawing & Painting

**MVAD- 11**

During this course students continue to experiment with a variety of drawing and painting media. Both traditional and innovative materials, tools, and processes are explored. Opportunities are provided for students to exhibit finished pieces around the school and community. This course provides an excellent foundation for Studio Arts 12: Drawing and Painting.

## Studio Arts 3D 11: Ceramics & Sculpture

### MVAC- 11

In this course students create projects from a variety of 3-D media such as clay, wax, plaster, wood, stone, cardboard, and recycled materials. Students explore personal themes and ideas and find ways to create them in 3-D space. Over the course of the year, three-dimensional form is explored through a variety of small scale (e.g. jewelry), medium scale (e.g. pottery), and larger scale (e.g. group installations) processes.



## Studio Arts 2D 12: Drawing & Painting

### MVAD- 12

This course is ideally suited to students with drawing and painting experience. Senior students continue to explore personal issues and ideas through a variety of media. Both traditional and innovative drawing and painting processes are studied. Opportunities are given for students to prepare work for a post-secondary entrance portfolio, and to show completed work at a variety of public venues.

## Studio Arts 3D 12: Ceramics & Sculpture

### MVAC- 12

Students are expected to develop themes and ideas that can be constructed in three dimensions, using a variety of materials. Over the course of the year, three-dimensional form is explored in a variety of small scale (e.g. jewelry), medium scale (e.g. pottery), and larger scale (e.g. group installations) projects. Students maintain a sketchbook for the development of ideas and plans. Opportunities are provided for students to produce portfolio quality work in this course.

## Art Foundations 12: Independent Directed Study in Art

### MVAST- 12

This is an individualized program for students who require more time to pursue their passion for art and/or design. Students in Foundations are serious about Art as a career and must be enrolled in at least one other Grade 12 Art class. They independently work on their art, focusing on the development of a solid entrance portfolio for the art school/college/university of choice. In the third term, if the portfolio has been submitted, all Foundations students are involved in a variety of school-based and community-based projects to enhance their art experience. For example: visiting galleries, hanging shows, matting, framing, and marketing. This independent course of study must be approved by the supervising teacher.

## Graphics 12

### MVAGA12

This advanced course in graphic design builds on the topics introduced to Graphics 11 students, such as photography and computer graphics. In conjunction with individual projects, it is expected that students photograph and prepare layouts for the school yearbook and other collective projects. Students design graphically for a variety of purposes, e.g. t-shirt art, business cards, logos, and posters.

## Media Arts 12: Media Arts & Animation

### MMEDD12

This advanced course in graphics builds on the content covered in Media Arts & Animation 11. Students are expected to be self-motivated and directed while solving sophisticated graphic design problems. While photography is the main unit in this course, other units and techniques may be explored.



***Art students are required to have, and use, a sketchbook for all Art courses. One book may be used for multiple courses.***



# BUSINESS EDUCATION

## **Business 9/10 (Entrepreneurship & Marketing)**

**MADEM09/MADEM10**

Year after year business is one of the most popular post-secondary programs chosen by high school graduates. This course will introduce the many topics of business to students launching them into an interesting, prosperous area of study. From consumer wants and needs (entrepreneurship & economics), to the 4 P's (marketing), and the measurement of financial success (accounting). Students will gain the background knowledge to prepare them for other senior level courses in Business Education.

## **Computer Studies 9 (Info. Tech)**

**MADIT09**

The top jobs for 2025 and beyond have not been created yet, however, with the advent of Facebook, Google, Twitter, and Amazon, these jobs will likely be in the Information Technology field. Course projects include: text based coding with HTML, CSS and Javascript; learning advanced features of MS Office and Google Office Suite; digital creation and manipulation of videos and photos. The skills obtained in this course will benefit students with their immediate studies, as well as their future careers.

## **Computer Studies 10**

**MCSTU10**

The top jobs for 2025 and beyond have not been created yet, however, with the advent of Facebook, Google, Twitter, and Amazon, these jobs will likely be in the Information Technology field. Course projects include: text based coding with HTML, CSS and Javascript; learning advanced features of MS Office and Google Office Suite; digital creation and manipulation of videos and photos. The skills obtained in this course will benefit students with their immediate studies, as well as their future careers.

## **Accounting 11**

**MAC- - 11**

This introductory course aims to teach students personal finance, how to record business transactions, and prepare financial statements. Students also gain practical experience building spreadsheets in Microsoft Excel and working with Quickbooks accounting software. Projects such as the Stock Market simulation game and Accounting Monopoly are always student pleasers. Attention is focused on real world situations, and applying it to class discussions and assignments.

## **Financial Accounting 12**

**MFA- - 12**

### **Prerequisite: Accounting 11**

Accounting is the foundation of the business world. Therefore, learning it now in a low-pressure environment is easy and beneficial, especially for those interested in pursuing a Commerce degree. This intermediate course builds off the skills learned in Accounting 11, and focuses on financial analysis, building financial models, and working in depth with Microsoft Excel and Quickbooks. Emphasis is placed on what to expect from both a university course structure and a career in business.

*Please Note: All Applied Skills courses are ADST (Applied Design, Skills, and Technologies Courses)*

# ENGLISH

## English 8

**MEN- - 08**

The major goals of this course are to develop competency in reading, writing, speaking, listening, viewing, and representing. The writing process is emphasized throughout the course, supported by review of and introduction to grammatical concepts, usage, sentence development and combining, and paragraph construction. In studying short stories, poetry and novels, literary elements and devices are introduced.

## English 9

**MEN- - 09**

English 9 further develops competency in reading, writing, speaking, listening, viewing, and representing, and includes further emphasis of sentence, paragraph and essay construction as supported by the writing process. Mechanical structures, such as usage, grammar, and punctuation are also reinforced. Students learn the structure of the expository essay and are introduced to the persuasive essay. Students continue to develop analytical skills in poetry, short stories and novels. Public speaking is taught informally.

## English 10 *(please choose 1 of the 4 options)*

### **Creative Writing and Composition 10**

**MCTWR10/MCMPS10**

In each of the English 10 cohorts, students will experience a variety of media that may include a selection of novels, short stories, essays, and drama. The Curricular Competencies of composition, speaking and listening are further developed. Each of the cohorts will include elements of spoken language and First People's texts, and all of the cohorts will prepare students fully for English 11 and English 12.

Creative Writing and Composition 10 is designed for students who have an interest in developing their skills in written communication in a variety of contexts, including creative expression. The course provides students with opportunities to think critically as they study authors and texts related to the craft, extend and refine their writing, and explore personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community of writers, students will work individually and collaboratively to develop their craft through processes of drafting, reflecting, and revising to build a body of work and evidence of writing that displays a refinement of skills and exploration of themes and ideas.

## Pre- AP English 10

**MLTST10AP**

Prerequisites:

- A minimum of 80% in English 9
- A request form must be completed, including teacher recommendation. The Pre-AP English 10 request form may be picked up either from a counselor or an English 9 classroom teacher. The completed form is to be returned to your current English teacher.
- Note: - Enrollment in course dependent on successful application and number of requests. Meeting prerequisites does not guarantee placement in the course.

*(A required summer reading assignment must be completed as part of this course.)*

While covering the same curriculum as English 10, this course develops reading, writing, speaking, and critical thinking skills by examining a wide range of challenging novels, plays, short stories, and poems from across eras and cultures. There is an emphasis on in-depth understanding of specific literary genres, writing techniques, and the analysis of literature and literary styles through the introduction of close-readings. Students enrolled in this course will move at a faster pace than in a regular English 10 class.



## **Debate and Composition 10**

### **MSPLG10/MCMPS10**

In each of the English 10 cohorts, students will experience a variety of media that may include a selection of novels, short stories, essays, and drama. The Curricular Competencies of composition, speaking and listening are further developed. Each of the cohorts will include elements of spoken language and First People's texts, and all of the cohorts will prepare students fully for English 11 and English 12.

This cohort is designed for students who are interested in exploring English through the lens of debate. In addition to studying the traditional genres of fiction and nonfiction, students will focus on the Spoken Language core competencies and apply them in developing argumentation skills. An emphasis is placed on developing persuasive arguments, and additional focus is given to the verbal presentation of arguments that is central to debate. Written composition is still central to this cohort, but some evaluation will come from the public speaking that is necessary for debate. Students may have the opportunity to participate in debate competitions at the school, regional and provincial levels.

## **Literary Studies and Composition 10**

### **MLTST10/MCMPS10**

In each of the English 10 cohorts, students will experience a variety of media that may include a selection of novels, short stories, essays, and drama. The Curricular Competencies of composition, speaking and listening are further developed. Each of the cohorts will include elements of spoken language and First People's texts, and all of the cohorts will prepare students fully for English 11 and English 12.

Literary Studies 10 is designed for students who are interested in the literature of a variety of eras, geographical areas, or themes, or in the study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media.

## **New Media and Composition 10**

### **MNMD- 10/MCMPS10**

In each of the English 10 cohorts, students will experience a variety of media that may include a selection of novels, short stories, essays, and drama. The Curricular Competencies of composition, speaking and listening are further developed. Each of the cohorts will include elements of spoken language and First People's texts, and all of the cohorts will prepare students fully for English 11 and English 12.

New Media 10 is a program of studies designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. The following are possible additional focus areas of study: media and film studies, journalism and publishing, and digital communication. Literature and Non-Fiction prose will be used to supplement these ideas.

## **STRIVE 10 (Cohort)**

### **MLTST10STR**

(Four courses - English, Math, PE, and Science – see **Miscellaneous Courses** for more information.)

## **English 11**

*In each of the English 11 cohorts, students will experience a variety of media that may include a selection of novels, short stories, essays, and drama. The Curricular Competencies of composition, speaking and listening are further developed. Each of the cohorts will include elements of spoken language and First People's texts, and all of the cohorts will prepare students fully for English Studies 12.*

*There are no prerequisites for any English 11 option. It will build on general knowledge acquired in any of the English 10 cohorts, and will provide students with the opportunities to further their skills developed in English 10, or develop new skills for students new to the course.*

## **Creative Writing 11**

### **MCTWR11**

Creative Writing is designed for students who have an interest in developing their skills in written communication in a variety of contexts, including creative expression. The course provides students with opportunities to think critically as they study authors and texts related to the craft, extend and refine their writing, and explore personal and cultural identities, memories, and stories in a wide range of genres. Within a supportive community of writers, students will work individually and collaboratively to develop their craft through processes of drafting, reflecting, and revising to build a body of work and evidence of writing that displays a refinement of skills and exploration of themes and ideas.

## Literary Studies 11

### MLTST11

Literary Studies 11 is designed for students who are interested in the literature of a variety of eras, geographical areas, or themes, or in the study of literature in general. The course allows students to delve more deeply into literature as they explore specific themes, periods, authors, or areas of the world through literary works in a variety of media.

## New Media 11

### MNMD- 11

New Media 11/12 is a program of studies designed to reflect the changing role of technology in today's society and the increasing importance of digital media in communicating and exchanging ideas. The following are possible additional focus areas of study: media and film studies, journalism and publishing, and digital communication. Literature and Non-Fiction prose will be used to supplement these ideas.

## Debate 11

### MSPLG11

This cohort is designed for students who are interested in exploring English through the lens of debate. In addition to studying the traditional genres of fiction and nonfiction, students will focus on the Spoken Language core competencies and apply them in developing argumentation skills. An emphasis is placed on developing persuasive arguments, and additional focus is given to the verbal presentation of arguments that is central to debate. Written composition is still central to this cohort, but some evaluation will come from the public speaking that is necessary for debate. Students may have the opportunity to participate in debate competitions at the school, regional and provincial levels.

## English First Peoples 12 (meets graduation requirements)

### MEFP- 12

English First Peoples 12 fulfils the graduation requirement for an English Studies 12 course. The Grade 12 curriculum is designed to allow students to think critically, solve problems, communicate clearly and be able to learn and work both independently and with other. Students will contribute to reconciliation by developing a greater understanding of the knowledge and perspectives of First Peoples. Students will use fiction and nonfiction to gain insight into the diverse factors that shape identity and to develop a sense of the importance of self-representation through text. In addition, First Peoples texts and stories provide insight into key aspects of Canada's past, present, and future.

## Pre- AP English 11

### MLTST11AP

#### Prerequisite:

- A minimum of 80% in English 10 (Pre- AP English 10 is recommended)
- A request form must be completed, including teacher recommendation. The Pre- AP English 11 request form may be picked up either from a counselor or an English 10 classroom teacher. Completed form to be submitted to your current English teacher.
- Note: - Enrollment in course dependent on successful application and number of requests. Meeting prerequisites does not guarantee placement in the course.

*(A required summer reading assignment must be completed as part of this course.)*

This course is designed to prepare students for AP English Literature and Composition in grade 12 and continues with close reading and in-depth analysis of selected texts. Students will improve their prose



in a variety of ways such as the persuasive, the expository and the literary essays, and will also examine their writing process in order to become effectual writers.

## English Studies 12 (meets graduation requirements)

### MENST12

The Grade 12 curriculum is designed to allow students to think critically, solve problems, communicate clearly, and be able to learn and work both independently and with others. Students continue to develop skills in reading and interpreting different forms of literature, using literary terminology, demonstrating critical and creative thinking, and expressing themselves powerfully and convincingly through writing and speaking for a variety of audiences. Students will gain insight into the diverse factors that shape identity, appreciate the importance of self-representation through text, contribute to Reconciliation by building greater understanding of the knowledge and perspectives of First Peoples.

*The required English Studies 12 course builds on and extends students' previous learning experiences in English 10 and 11 cohorts.*

## AP English Literature & Composition 12/English 12 Challenge

### AELC- 12

#### Prerequisite:

- A minimum of 80% in English 11 (Pre- AP English 11 is recommended)
- A request form must be completed, including teacher recommendation. The AP English 12 request form may be picked up either from a counselor or an English 11 classroom teacher. Completed form to be submitted to your current English teacher.
- **Note: - Enrollment in course dependent on successful application and number of requests. Meeting prerequisites does not guarantee placement in the course.**

*(A required summer reading assignment must be completed as part of this course.)*

#### **Single Block - 8 credits**

This AP English Literature and Composition 12 course, comprised of an extensive program of university level literature, is run in conjunction with English 12 Challenge, using only one block for both courses. *(Students only choose the AP Course to register AELC-12)* Most of the work is done independently. Although taken over one block, these combined courses are awarded **8 credits** and constitute two courses. This course engages students in the careful reading and critical analysis of imaginative literature, and through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. There is a mandatory English 12 provisional exam at the end of the year worth 40% of the final mark. Writing is an integral part of the AP English course and optional AP exam, which is written in May the cost is approximately \$150, and the goal is to increase students' ability to explain clearly, cogently, even elegantly, what they understand about literary works and why they interpret them as they do.

# HOME ECONOMICS

## Foods Studies 9

### MADFS09

Cooking is a life skill so why not start this fun and valuable skill in grade 9? This course helps students develop skills in planning, preparing, and serving foods which are wholesome, attractive, nutritious and fun to eat, and provides students with the information and experience necessary to be self-reliant when preparing meals and making wise food choices. Students research recipes online, shop for ingredients, and prepare their recipes from start to finish. Emphasis in this course is proper nutrition, balance, moderation, and variety in every day choices; sport nutrition is also covered. The only homework is to cook more! (Go to [www.sdsscooks.weebly.com](http://www.sdsscooks.weebly.com) for a selection of grade 9 recipes.)

## Foods Studies 10

### MFOOD10

This course reviews and builds upon the techniques and skills learned in Food Studies 9, with an increased emphasis on personal choice and responsibility. Students are provided with opportunities to develop their learning through recipes of their own choosing, while demonstrating safe kitchen practices and analyzing the nutritional values of their choices. Students learn to shop for themselves and their families, considering budget and healthy eating, and have the opportunity to study and prepare foods from various cultures of interest. (Prerequisites: none. Foods Studies 9 would be beneficial but is not required.)



## Foods Studies 11/12

(after school)

### MFOOD11/MFOOD12

Do you bake or cook at home and want to get credit for it? The aim of the Foods Studies 11/12 curriculum is to provide opportunities for students to further develop the knowledge, skills, and attitudes that have immediate and future applications in their personal and family lives, as well as in local and global environments in an outside environment. There will not be school instruction only weekly gatherings to share students' passions and interests in the area of Foods. Student's ability to follow his or her foods passion independently is essential and vital to success in this program. Cooking, baking, and meal prep will be required outside of school hours and completed on the student's own time. Journaling will be required to provide proof and documentation of his/ her journey or experiences and important for his/her growth.



## Culinary Arts 11

**MFOOD11CAF**

**Prerequisite:** *None for gr. 11 or 12 students; Foods & Nutrition 9 for gr 10 students*

The content of this program includes all basic kitchen cooking techniques and principles. Theory and food history are also taught through daily lectures in the classroom. The recipes and pace of the program is representative of the commercial food industry. Students develop their skills and understanding of the Culinary Arts in a working commercial kitchen environment. They are required to rotate "stations" as they progress through baking, sandwiches and salads, soups and sauces, as well as hot foods, every two weeks. Students create food items for daily sales in the school cafeteria as well as occasional banquets. Rudimentary Math and English skills are essential. FOODSAFE Level I certification will be offered during the school year.

## Culinary Arts 12

**MFOOD12CAF**

The content of this course includes all basic kitchen principles and techniques, with a strong focus on safety. The course does contain a theory/lecture component. Students receive "hands on" experience in running the school's cafeteria and a number of banquets. Students rotate stations: soups, sandwiches, hot foods, dining room service, and front of house, every two weeks, thereby gaining realistic commercial kitchen experience and life skills. Students enrolled in the program should have a keen interest in food and nutrition, as well as current food trends. Rudimentary Math and English skills are essential. FOODSAFE Level I certification will be offered during the school year.

## CULINARY ARTS 11 and 12

*Students enrolled in any of the Culinary Arts programs are enabled with a sound knowledge of the basics of professional cooking in a commercial sized teaching kitchen. To become a qualified chef requires years of work experience and dedication. The Culinary program offerings at SDSS provide solid experiences on which to build both personal and professional skills. Students who excel in this program are in high demand, and many have attained top-level positions in five-star hotels, restaurants, resorts, and private clubs in Canada and other parts of the world. Graduates have also found employment in institutional kitchens, hospitals, and high paying oil pipeline camps. Chefs in the industry recognize the expertise of the Culinary Arts graduates and regularly contact the Culinary Arts instructor when employment opportunities arise locally, nationally, and internationally. Though the program is high-volume, large scale and dynamic, students are encouraged to take courses for their life skills benefits, tasting experiences, and the social/tactile atmosphere.*



*Please Note: All Applied Skills courses are ADST (Applied Design, Skills, and Technologies Courses)*

## Fashion 9

### MADT- 09

Fashion 9 is sew much fun! Students sew a onesie, a beautiful rag quillow (quilt that folds into a pillow), regular pajamas, a simple summer dress and a totebag of their own design, and many fun scrap projects. All of these projects were voted the most popular projects over the last 20 years by students. Students also learn about fashion illustration, sustainable fashion, and the Elements of Fashion Design (the key to an amazing wardrobe). There is no homework or exams in this course and marks come from the work you create in class.



## Fashion 10

### MTXT- 10

**Prerequisite:** *All students are welcome. If you have no sewing experience you will just choose easier sewing projects so you will be successful.*

Fashion 10 is awesome! Students have many choices in what they sew, including a hoodie and sweatpants pants, a stunning heirloom quilt you can treasure your whole life, a dress, a shirt, a duster coat, an Aritzia-inspired Ganna jacket, a swim suit, a backpack, or even a capsule wardrobe from T-shirt knits. The main goal of the course is to teach you to go beyond basic sewing skills and into an intermediate level of clothing construction, fitting, and some pattern manipulation. In Fashion 10 you also study the Principles of Design, a Canadian Designer of your choice, and cultural clothing. There is no homework or exams in this course and marks come from the work you create in class.



## Fashion 11

*(in timetable)*

### MTXT- 11

**Prerequisite:** *All students are welcome. If you have no sewing experience you will just choose easier sewing projects so you will be successful.*

Fashion 11 is a highly individualized course for students who enjoy creating their own clothing or other sewn projects. Students have many choices in what they sew, so you can work at your skill level while you develop your particular area of interest in Fashion. Choices include simple to advanced quilts, easy to advanced dresses, an unlined blazer or coat, a dress shirt, dress pants, a skirt of your own design, or even cosplay costumes. Whatever your interest is in the field of fashion, we are here to help you reach your goals and sew the projects you are most interested in. Students also create a Client Style Board, look at the B.C. fashion industry, research a historical era in fashion and study an international designer of your choice. There is no homework or exams in this course and marks come from the work you create in class.

## FASHION 12

*(In timetable)*

### MTXT- 12

**Prerequisite:** *All students are welcome. If you have no sewing experience you will just choose easier sewing projects so you will be successful.*

Fashion 12 is also a highly individualized course for students who enjoy sewing as a hobby and as a valuable life skill. Students can choose all of their own sewing projects with teacher approval so you can develop your particular area of interest in Fashion. Some students choose to sew quilts, others are interested in sewing garments, some students even design cosplay costumes. You may choose to learn how to “knock off” your favourite clothing or design your own clothing. Whatever your interest is in the field of fashion, we are here to help you reach your goals and sew the projects you are most interested in. In grade 12 students also look into fashion forecasting, creating a mood board, developing their own storyboard, researching an international design house of their choosing, and investigating some of the problems in the global fashion industry and fast fashion.

*Please Note: All Applied Skills courses are ADST (Applied Design, Skills, and Technologies Courses)*



## **Fashion 11/12**

*(Out of timetable - After School)*

**MTXT- 11PM/MTXT- 12PM**

**Prerequisite:** *All students are welcome. No sewing is required.*

After school fashion is the team that produces the annual SDSS fashion show! This course is perfect for anyone who loves fashion, but doesn't want to sew. If you are considering a career in fashion marketing, this is the course for you. In addition to event planning, you will also explore various aspects of fashion merchandising and marketing such as branding, social media management, graphic design, fashion styling, the history of fashion, fashion writing, and fashion trend analysis.

## **Fashion Design 12**

*(In timetable)*

**MFIND12**

**Prerequisite:** *Fashion 10 or 11 recommended*

This course is for students who are interested in designing their own mini collection of clothing, or are considering entering into the fashion industry. Students will create a portfolio that could be used to enter fashion universities like Kwantlen's Wilson School of Design. The portfolio will contain a Design Inspiration File, reflections on fashion in the news, colour samples for your collection, a number of fashion illustrations, and the required sewn sample of a dress shirt. You will create your own designs by learning the flat pattern method, fabric draping, and Transformational Reconstruction. Whatever you choose to sew, at the end of the course you will have a three complete outfits, and a portfolio of work to present to post-secondary institutes or to keep as a personal memento.

## **COSTUME DESIGN 12**

*(out of timetable)*

**MFIND12CD**

**Prerequisite:** *All students are welcome.*

In the Costuming course, you will explore the relationship between character and clothing. Students in this class make costumes for the annual SDSS Musical Theatre production, as well as other costumes of their own choice. Costume Design teaches students the technical and creative aspects of costuming for theatre and film. You'll learn about the history of fashion and the elements and principles of design to effectively create costumes that reflect different time periods as well as various characters. You'll learn about character and script analysis, wardrobe management, designing, drafting, ageing, dying, and costume construction techniques. You'll gain hands-on experience working on the SDSS school theatre productions as well as a variety of class projects.

# LANGUAGES

## French

### French 8

#### MFR- - 08

This is an introductory course designed for beginners and those who have studied some French in elementary school. Students develop basic listening, speaking, reading, and writing skills, while exploring theme-based vocabulary and prescribed grammatical concepts. The course also introduces the learners to the Francophone world and culture. Emphasis is based on student participation, especially through projects and presentations.

### French 9

#### MFR- - 09

Students continue to improve French skills with concentration on listening, speaking, reading, and writing. Theme-based vocabulary and further prescribed grammatical concepts continue to be explored with more extensive language structures.

### French 10

#### MFR- - 10

French skills involving listening, speaking, reading, and writing are intensified, with more sophisticated patterns of language using theme-based vocabulary and more complex grammatical concepts. The cultural component that goes along with learning a new language continues to be stressed. Student participation is vital, with more elaborate projects and presentations.

### French 11

#### MFR- - 11

The focus is to improve the student's ability to understand spoken and written French and to communicate with a measure of confidence and accuracy. Vocabulary development continues and students are introduced to more difficult grammatical concepts. An awareness of Francophone cultures around the world is a component of the course. Greater emphasis is placed on writing and reading, including short stories, poetry, and authentic documents.

### French 12

#### MFR- - 12

Students perfect the skills learned in previous French courses, and add sufficient vocabulary and linguistic skills to their repertoire so that they are able to communicate with native speakers of French and cope in a Francophone environment. The course includes an exploration of French literature, with an emphasis on reading and composition writing.

## French Immersion Program

*This is a continuation of the Elementary School Program and conforms to provincial curriculum outlines.*

### Français langue 8

#### FFRAL08

This course develops competency in reading, writing, speaking and listening skills as well as explore the Francophone culture around the world. Reading comprehension skills are developed through the study of various literary genres such as short stories, novels and poetry. The writing process is introduced exploring grammatical concepts, sentence structure and paragraph construction. Emphasis is placed on oral skills and students participate in a public speaking contest.

### Français langue 9

#### FFRAL09

This course continues to develop reading, writing, speaking and listening skills. Students continue to develop reading comprehension skills through more complex literary genres such as short stories, articles, novels and poetry. The writing process is further reinforced exploring grammatical concepts, sentence structure and multi-paragraph construction. Students continue to have various opportunities to learn more about the diversity of Francophone cultures around the world. Emphasis continues to be placed on oral skills, and students participate in a public speaking contest.

### Français langue 10

#### FFRAL10

Students continue to develop reading comprehension skills through more complex literary works. The writing process is further reinforced with more difficult grammatical concepts. Students are expected to write in a variety of styles, with particular emphasis on essay writing skills. The cultural component of this course provides students with constant opportunities to strengthen their knowledge of the Francophone world. Emphasis continues to be placed on oral skills, and students participate in a public speaking contest involving more controversial subjects.

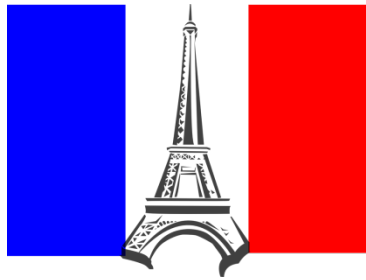
## Français langue 11 (Études du cinéma et de la littérature francophones 11)

**FLTST11**

**Prerequisite: Français langue 10**

Français langue 11 will be taught through Études du cinéma et de la littérature francophones 11

French-Language Film and Literary Studies 11 is designed to encourage students to discover, explore, analyze, and interpret cinematographic and literary works of the French-speaking world. By studying a variety of texts, students will acquire knowledge of Francophone culture, which will contribute to the development of their identity. The film component of the course will enable students to discover cinematographic works from different eras, cultures, styles, and genres. In addition students will develop their ability to analyze, interpret, and reflect in order to better appreciate cinematographic works from the French-speaking world. They will explore their imagination and develop their creativity, writing style, and spoken communication through multiple cinematographic genres.



## Français langue 12

**FFRAL12**

**Prerequisite: Français langue 11**

This course places emphasis on perfecting the four skills of listening, speaking, reading, and writing through the study and analysis of various classic Francophone literary works. Students conduct an interview with a native French speaker as part of the mandatory provincial exam, which also includes a written component. The exam is worth **40%** of the final mark. Students have the opportunity to learn more about the Francophone culture around the world. Emphasis is based on student participation, especially through projects and presentations.

## French Immersion Electives

Electives are available to all French Immersion Students. **STRIVE** students can use this course to meet the requirements of a double dogwood)

### Études des arts modernes 10- 12 (dramatique et médiatique)

**FVAMF10/FVAMT11/FVAMT12**

With the Français langue- Immersion 10-12 Big Ideas in mind, this course offers students an interdisciplinary approach to exploring modern culture and French language through the arts. Students will explore, create and perform a variety of artistic works (drama, music, dance, film, and visual and poetic arts). Each unit will be comprised of a literary, oral and artistic component as a means of developing French language skills. Using an arts-integrated approach students will develop competencies in both French language and the areas of drama and media arts.

### Éducation au choix de carrière et de vie (Career Life Education 10 online)

**FCLE- 10**

This French Immersion option for Career Life Education is a course required for graduation. Career Life Education begins the experience & application journey. Content includes self-assessment, goal setting, lifelong learning, grad requirements, financial planning, workplace etiquette, local & global labour market trends, essential career & employability skills, post-graduation opportunities, employment standards, workplace safety, and awareness of work experience opportunities.

# Spanish

## Spanish 9

**MSP- - 09**

Students explore the language and cultures of the Spanish-speaking world, learning basic vocabulary and language structures needed to communicate in real life situations, such as going to a Mexican restaurant. Listening and oral activities (including singing and listening to Spanish pop and rap music) provide the focus, with some writing and reading. Students learn concepts through various themes such as school, relationships, parties, sightseeing, family, and food! A good attitude and a willingness to learn and to have fun are all you need! Ole!

## Spanish 10

**MSP- - 10**

**Prerequisite: Spanish 9**

Students continue to explore the language and cultures of the Spanish-speaking world, expanding vocabulary and knowledge of the language's structure. Using themes including household chores, party preparations, sports, health, vacation, and leisure activities, students actively participate in individual and group language tasks (listening, speaking, reading, writing). Students continue to use the textbook and workbooks from Spanish 9. Vamonos!

## Introductory Spanish

**MBSP- 11**

This is a fast-paced introductory course in which students complete two years in one, learning to communicate competently in a short period of time. Students explore the language and cultures of the Spanish-speaking world, learning practical vocabulary and language structures needed to communicate in real life situations, such as ordering a meal in a Mexican restaurant. Writing, reading, listening, and speaking activities (such as singing and listening to Spanish pop and rap music) are taught through various themes such as school, relationships, parties, sightseeing, family, and food. Students' participation and motivation is essential. Successful completion enables students to continue to Spanish 11. Andale!

## Spanish 11

**MSP- - 11**

**Prerequisite: Spanish 10 or Introductory Spanish**

The goal of this course is to improve the student's ability to understand spoken and written Spanish and to communicate with a measure of confidence and accuracy. Vocabulary development continues and students learn more challenging grammatical concepts through writing and reading, including short stories, poetry, and authentic documents. Investigating Hispanic culture around the world is also a component of the course. Student participation is essential.

## Spanish 12

**MSP- - 12**

**Prerequisite: Spanish 11**

This advanced course builds on language skills acquired in previous Spanish courses. Students continue to refine oral and listening comprehension skills, with the focus on reading and writing. Students further develop their confidence in their ability to communicate and feel competent in Hispanic environments around the world, and continue to discover Hispanic culture. Student participation is essential.



# MATHEMATICS

## Math 8

**MMA- - 08**

This course provides students with the opportunity to consolidate their understanding of number and spatial concepts through logic and reasoning. Students will learn to inquire and communicate mathematically through problem solving, connecting and reflecting. Course content includes operations with fractions, financial literacy, proportional reasoning, perfect squares/cubes, square roots, algebra, surface area, volume, statistics, and probability.

## Math 9

**MMA- - 09**

This course provides students with the opportunity to further develop the mathematical processes of communication, visualization, reasoning, estimation, and problem solving. Topics included in this course are operations with rational numbers, exponents, polynomials, linear relations, algebra, spatial proportional reasoning, statistics, and financial literacy.

## Fundamental Math 9

**MMA—09FUN**

This course is for students who have experienced major difficulties in previous math courses, or who have taken Practical Math 8. The material covered in this course is a continuation of basic mathematical skills with more opportunity for individualized help. This course leads to Workplace Math 10, unless there is an exceptional circumstance whereas a student has demonstrated the mathematical skills necessary for success at the Foundation and Pre-calculus Math 10 level.

## Foundations of Mathematics & Pre- Calculus 10

**MFMP- 10**

This course follows the development of concepts studied in Math 9. The course is organized around the topics of powers, prime factorization, functions & relations, linear functions, systems of linear equations, arithmetic sequences, polynomials, trigonometry, and financial literacy.

## Workplace Mathematics 10

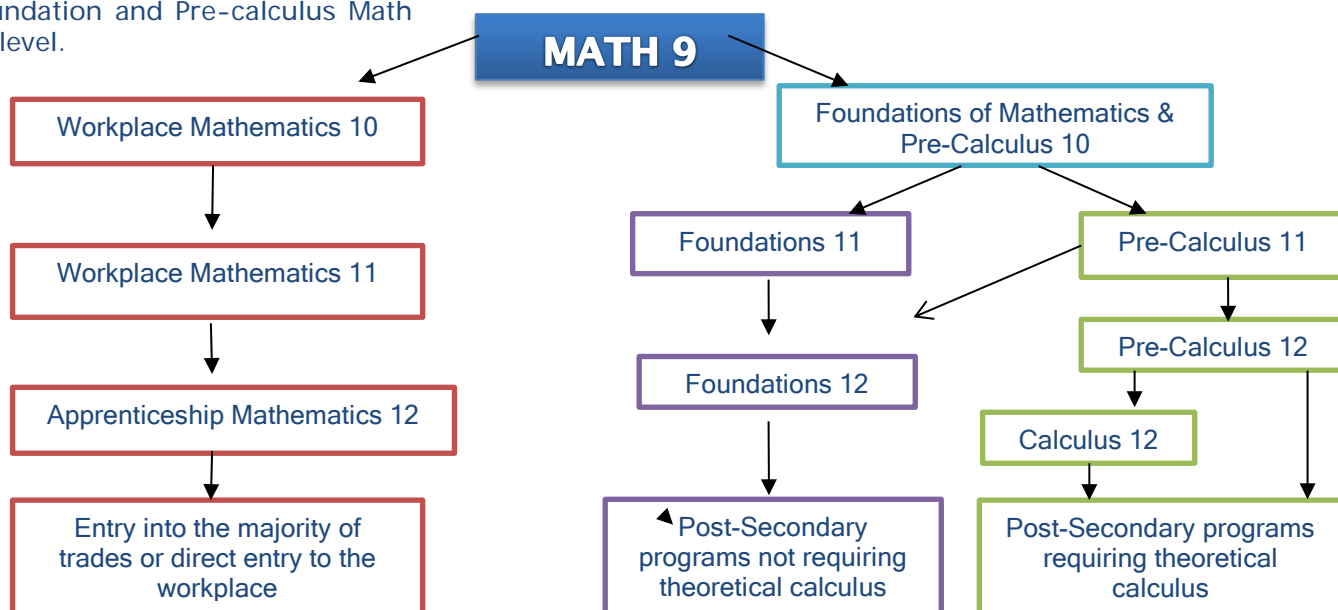
**MWPM- 10**

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the workforce. Topics covered in the course include graphing, trigonometry, measurement conversions, surface area & volume, central tendency, probability, and financial literacy.

## STRIVE 10 (Cohort)

**MFMP- 10STR**

(Four courses - English, Math, PE, and Science – see **Miscellaneous Courses** for more information.)



## Computer Science 11/12

### MMACS11/MMACS12

A project-based course centered on computer programming concepts. Students will develop algorithms for solving problems of a mathematical nature and work through a standard software development cycle. The course will work primarily in Javascript, although students are able to explore other frameworks or languages.

## Foundations of Mathematics 11

### MFOM- 11

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus like Economics, Geography, Arts or Humanities. Topics include: mathematical reasoning, angle relationships, graphical analysis (linear inequalities, quadratic functions, systems of equations, optimization), statistics, scale models, and financial literacy.

## Pre- Calculus 11

### MPREC11

This course is designed to provide students with the mathematical understanding and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus, like Sciences or Engineering. Topics include: real number system, powers, radical operations & equations, polynomial factoring, rational expressions & equations, quadratic functions & equations, inequalities, trigonometry, financial literacy. It is suggested that students taking this course have a minimum of a 'C' in Foundations of Mathematics and Pre-Calculus 10.

## Pre- Calculus 11/Pre- Calculus 12

### MPREC11CHA/MPREC12CHA

#### **Double block (8 credits)**

*Recommended: A minimum of 80% in Foundations of Mathematics and Pre-Calculus 10 is recommended. A request form must be completed, including teacher recommendation.*

This option is for students who would like to take a linear Calculus course in their grade 12 year. Students choosing this double-blocked course will take both Pre-Calculus 11 and Pre-Calculus 12, timetabled so that Math is taken each day throughout the year. This will be a demanding course. It is expected that these students will be enrolling in the linear Calculus 12 course in their grade 12 year. Students will be expected to participate in the university of Waterloo Fermat math contest.

## Workplace Mathematics 11

### MWPM- 11

This course is specifically designed to provide students with the mathematical understanding and critical-thinking skills identified for entry into the majority of trades at post-secondary, and for direct entry into the workforce. Topics include: financial literacy, rate of change, probability & statistics, interpreting graphs, and 3D objects.

## Pre- Calculus 12

### MPREC12

**Prerequisite:** *Pre-Calculus 11*

This course is designed to further students' mathematical understanding and critical-thinking skills identified for entry into post-secondary programs that require the study of calculus. Topics include: transformations of functions; trigonometric functions, equations and identities; exponential and logarithmic functions; polynomial, radical and rational functions; geometric sequences and series.

## Pre- Calculus 12 & Calculus 12

### MPREC12D37/MCALC12

#### **Double block (8 credits)**

This option is for students who would like to take Calculus while still in high school. Students choosing this double-blocked course will take both Pre-Calculus 12 and Calculus 12, timetabled so Math is taken each day throughout the year. Students planning on taking calculus, or who will be required to take calculus at a post-secondary institution, are strongly encouraged to select this course.

**Calculus 12** - This course, which follows the provincial curriculum, is intended for extremely capable math students and plan to continue math at the post-secondary level. Students who do not have secondary school calculus may have difficulty with subsequent math courses at college or university. Topics include: functions and graphs, limits, differentiation, and integration. A strong background in math is recommended for this course.

***It is recommended students considering taking this course have a minimum of 82% in Pre-Calculus 11.***

## AP Calculus 12

### ACAL- 12 - Linear Course

AP Calculus 12 is a first year university science course that gives students the opportunity to receive both secondary and university credits, and prepares them to write the optional AP exam in May. This course, which follows the provincial curriculum, is intended for extremely capable math students and plan to continue math at the post-secondary level. Students who do not have secondary school calculus may have difficulty with subsequent math courses at college or university. Topics include: functions and graphs, limits, differentiation, and integration. A strong background in math is recommended for this course.

## Foundations of Mathematics 12

### MFOM- 12

**Prerequisite:** *Foundations of Mathematics 11*

This course is designed to further students' mathematical understanding and critical-thinking skills identified for post-secondary studies in programs that do not require the study of calculus. Topics include: geometric explorations (constructions, conics, fractals), graphical representations (polynomial, logarithmic, exponential, sinusoidal), regression analysis, combinatorics, probability, and financial planning.

## Apprenticeship Mathematics 12

### MAPPR12

**Prerequisite:** *Workplace Mathematics 11*

This course is specifically designed to further students' mathematical understanding and critical-thinking skills required for entry into the majority of trades at post-secondary, and for direct entry into the workforce. Topics include: measuring, similar triangles, 2D and 3D shapes, 3D objects, mathematics in the workplace, and financial literacy.

## Geometry 12

### MGMT- 12

This course is specifically designed to further students' mathematical understanding and critical-thinking skills in geometry. The course covers the following topics: Geometric constructions, parallel and perpendicular lines, circles as tools in construction, perpendicular bisector, circle geometry, constructing tangents, transformations of 2D shapes, isometries, non-isometric transformations, non-Euclidean geometries. The course is assessed via in-class activities, assignments, and projects. The final assessment will be a student choice between a 2-D geometric design that transforms into a 3-D geometric design in fashion or kinetic sculpture. This course will assess the student's core and curricular competencies and the student will achieve a blended grade of course content and curricular competencies.

# MISCELLANEOUS COURSES

## **Applied Skills 8**

**Introduces students to a variety of Applied Design, Skills and Technology courses. Possible courses in each rotation include, Foods/Nutrition, Textiles/Fashion, Drafting, Woodwork, and Information Technology.**

## **HOME ECONOMICS**

### **FOODS**

Students learn about good nutrition through Canada's Food Guide. Attention is given to equipment use, safety and hygiene, baking, simple meal preparation, and table service.

### **TEXTILES**

In Textiles students learn basic sewing skills and proper use of the sewing machine.

## **TECHNOLOGY**

### **DRAFTING**

Students are introduced to three different drafting projects, and taught computer-aided design using equipment such as plotters and cutters. Emphasis is on using all equipment in a safe manner.

### **WOODWORK**

Opportunities are given for students to solve technological problems, and design and build wood and metal projects.

### **BUSINESS INFORMATION TECHNOLOGY**

The focus of Business 8 is to learn some general business concepts and discover new skills used in the "business world". We'll look at presentation software, word processing, report formatting, spreadsheets, marketing, and entrepreneurship. These same skills can be applied immediately to help improve the student's quality of work across all school subjects.

## **Fine Arts 8**

**Fine Arts 8 introduces students to a variety of Fine Arts courses. Possible courses in each rotation include, Art, Dram and Music.**

**ART** (Students explore a variety of visual art ideas and materials, and create and communicate images while they look at, and talk about, the art world around them. Emphasis is on skill development, media exploration, and self-expression through drawing, painting, 3-D art, and graphic design.

### **DRAMA**

The main goals of the Drama term are to develop self-confidence, to help students work

effectively with others, and to increase creative thinking and problem solving skills. Development of these skills is achieved through speech, movement, and improvisation.

### **MUSIC**

Students explore percussion, guitar, choral singing, music composition and studio recording. Students wishing for a fuller musical experience are encouraged to take Band 8 or Choral Music 8 (full year courses) in place of Fine Arts 8.

### **Learning Assistance 8- 12**

Students who have been identified as requiring additional support to develop and apply learning strategies may be eligible for Learning Assistance. Learning Assistance is accessed through the coordinated efforts of teachers, counselors, and other professionals through a variety of School Based Team processes. There is a thorough review of each candidate student's work habits, past performance, educational testing, and teacher recommendations. Within the structure of this course, students will focus on time management, study and organizational skills, and receive subject support where needed. This course does NOT replace the requirement for students to do regular homework and home study. It is a support block for students who need extra help. Parents need to be actively involved in monitoring their child's progress.



## Strategies For Learning 8- 12

The goal of this course is to help students with diagnosed learning disabilities succeed in their core subject areas by facilitating learning strategies within course content. The focus is on learning strategies and skills specific to studying, time management, organizational and academic skills with an important emphasis on enhancing student awareness of strengths and challenges. Learning goals may include personal accountability, self-advocacy, or methods of organization. In addition, students will explore a variety of problem solving strategies and the techniques to address different assessment tools. The overall objective of this series of courses is to produce students who are both independent and self-directed learners.

## ELL Courses 8- 12

English Language Learning courses are offered to all students whose first language is not English. English Language classes help students to improve their reading, writing, and listening skills in English and assist students in making the transition into academic courses. SDSS staff work cooperatively with school personnel and other district staff to ensure that ELL and International students receive the most appropriate educational services possible. *(Please note that course selections must meet staff approval following student assessment.)*

## Independent Directed Studies

Through the use of an Independent Directed Study (IDS), South Delta Secondary aim to provide flexibility in educational opportunities to address the needs of students. The opportunity exists for senior students to explore an interest or design a course of study outside of the classes listed in this booklet. The Ministry of Education has developed Focus Areas in the Graduation Program to support and encourage students to further explore a career area that links to curriculum. This exploration may be done through a variety of experiences sponsored in-school or by professions in post-secondary, industry, and/or community agencies. To sign up, please see your counsellor for an application form. Criteria for IDS:

- Students must demonstrate the ability to work independently with minimal supervision.
- The IDS course of study must be approved by the supervising teacher and the principal.
- The IDS will count towards Elective courses in the Graduation Program.
- Under teacher supervision, each student will develop an IDS plan that includes:
  - The problem, project or area to be studied
  - A process for ongoing facilitation and evaluation

- Criteria for determining successful completion of the IDS
- A credit value (2 or 4) and a grade level (11 or 12).

## Leadership and Personal Development 11 & 12 (BAA)

### YIPS11B/YIPS12A

This is a dynamic course in leadership training where students acquire and practice new leadership skills, as well as further develop ones they currently possess. Key components of leadership such as effective communication, public speaking, event planning, mentoring, creative problem-solving and socially responsible decision-making, will be developed through hands-on opportunities throughout the school year. The course comprises:

- serving as an active student voice within the school to influence school-based decisions
- planning and guiding a junior transition program that embraces new grade 8 students by welcoming and supporting them, both socially and academically, throughout their first year of high school
- implementing and conducting an assembly program in feeder schools, preparing the incoming new students for their high school experience
- promoting a positive, cohesive school culture of active participation by embracing R.O.C.K.S. (Respect, Ownership, Community, Knowledge and Safety) and the 5 C's – Community, Caring, Contribution, Celebration and Courage

Assessment and evaluation of student progress will include: self-reflection journals; event rubrics; participation; portfolios; peer evaluations; and final leadership project.

### **STRIVE 10 – Cohort**

This cohort is designed for students who are interested in approaching their studies on a different path, and who are capable of working with others within the school and beyond the classroom walls. Teachers will be working together as an inquiry team to make thematic connections between their subject areas. This grade 10 cohort is designed to improve student understanding and wellness in school by reconnecting them to their natural communities. Working in an **English, Math, Physical Education, and Science cohort**, students explore the environments of South Delta. Cross-curricular connections will emphasize experiential activities; this will involve frequent opportunities to explore ideas and curriculum in our local surroundings. This will be facilitated by scheduling the aforementioned classes in a manner that allows for flexibility of off-campus days. Students must provide their own transportation to and from off-campus activities. Strive 10 is a program that is run completely on the fees paid by students. Cost \$150.



# MUSIC

## Band

### Instrumental Music: Beginner Band 8

**MMU- - 08BA**

No experience necessary. Students are given the opportunity to learn to play a brass, woodwind or percussion instrument. Students learn proper playing techniques, music theory, music history, and music composition, at the beginner level. In addition, students learn the value of teamwork, gain self-confidence, and develop interpersonal relationships.

### Instrumental Music: Band 8

**MMU- - 08BA**

Please take beginner band if you have never played a band instrument. Students continue to learn proper playing techniques, music theory, music history, and music composition at an intermediate level. Students participate in festivals, master classes, and other performance events.

### Instrumental Music: Band 9/10

**MMU- - 09/MMUCB10**

Students continue to learn proper playing techniques, music theory, music history, and music composition, at an advanced level. Students participate in festivals, master classes and other performance events.

### Instrumental Music: Jazz Band 9/10

**MMU- - 09JB/MMUJB10**

*(After School)*

Students focus on instrumental playing from a jazz perspective, jazz history, jazz theory, and jazz composition, at a beginning level. Students participate in festivals, master classes, and other performance events. This group meets in the mornings and will be scheduled at the start of the year.

### Instrumental Music: Band 11/12

**MIMCB11/MIMCB12**

Students continue to learn proper playing techniques, music theory, music history, and music composition. Students participate in festivals, master classes and other performance events.

### Instrumental Music: Jazz Band 11/12

**MIMJB11/MIMJB12.**

*(After School)*

Students focus on instrumental music from a jazz perspective, jazz history, jazz theory, and jazz composition. Students participate in festivals, master classes and other performance events. This group meets in the mornings and will be scheduled at the start of the year.

## Choral

### Choral Music: Concert Choir 8/9

**MMU- - 08CH/MMU- - 09CH**

Choir is open to all students who like to sing. Previous choral experience is helpful, but not required. This is a group choral experience with emphasis placed on music reading skills, music theory, musical interpretation, correct vocal production, recording studio techniques, historical perspectives of choral music, and other choral techniques. Because the choir is performance-oriented, students are given the opportunity to perform in school concerts, as well as to travel both locally and abroad to enrich their choral experience. Opportunities are also provided for all students to participate in workshops and festivals run by music industry professionals.

### Choral Music: Concert Choir 10

**MMUCC10**

*(Previous Choral experience is encouraged.)*

This course is open to all students who like to sing. In furthering the study of choral and individual vocal techniques outlined in Choir 9, students are exposed to a more challenging repertoire than in previous levels. Various performance opportunities are given. In addition, opportunities to travel both locally and internationally to festivals run by music professionals is given to enhance the overall Choral experience.

## Choral Music: Concert Choir 11/12

**MCMCC11/MCMCC12**

Students enrolling in Choral Music 11 or 12 should have previous choral experience as the repertoire at this level is far more challenging than in Choral Music 8, 9 or 10. Students have input into music choices, as well as the festival and tour destinations each year. Music reading skills, theory, interpretation, correct vocal production, recording studio techniques, historical perspectives of choral music, and other choral techniques are explored. Students are given opportunities to perform in school concerts, as well as to travel both locally and abroad to enrich their choral experience. Opportunities are also provided for all students to participate in workshops and festivals run by music industry professionals.

## Choral Music: Vocal Jazz 9 - 12

**MMU- - 09VJ/MMUVJ10/MCMJV11/MCMJV12**  
(after school)

All students must audition for this course, which are held during the first week of September. Students are expected to enroll in concert choir on timetable, and must be enrolled in this X-block course to be considered for an audition. Jazz Choir is a performance oriented course primarily centered on the style of Jazz. Opportunities are provided for all students to participate in workshops, local performances, and festivals that take place both locally and internationally. Rehearsal times are **Thursdays from 3:00pm to 5:45pm**, plus a few lunch hours per month for small groups. Lunch hours will be determined by students.

## Other Music Options

### Instrumental Music: GUITAR 9 – 12

**MMU- - 09GUI/MMUGT10/MIMG- 11/MIMG- 12**

All levels of guitarists are welcome. From beginners who have never played to experts who are writing their own songs. Beginners will be taught the basics of chord, note, and tab reading as well as strumming and fingerpicking. From there they will join more advanced students in pursuing their personal guitar goals. Whether it is learning a specific song or mastering soloing, students will have the opportunity to improve their guitar playing. Students may pay a 20\$ fee to use the school's guitars or bring their own instrument and have the cost waived.

## Music Composition & Production 11/12

**MMUCP11/MMUCP12**

*To be taken in conjunction with an instrumental or choral music class.*

This course focuses on developing the knowledge, skills and attitudes needed to compose music, using traditional and contemporary technologies. Students learn to create and re-create music by manipulating pitch, rhythm and form, using a variety of available technologies, and have the opportunity to compose and arrange traditional music, as well as using computer technology, and also how to manipulate MIDI, record their compositions, set up a sound system, and perform one another's compositions.

### Instrumental Music: Musical Pit Orchestra

**Grade 9- 12**

(after school)

**MMU- - 09OR/MMUOR10/MMUOR11/MMUOR12**

Students with a strong interest in performance combine their talents in technical theatre, pit orchestra, and musical cast to present a Broadway musical. After school X block rehearsals occur on Wednesdays.

Participation depends on cast auditions, instrumental music ability and technical theatre qualifications.

Pit Orchestra: masters the music for the show, including the overture, entr'acts, and all songs for the show as well as developing the art of accompaniment for a professional level show.

Instrumentation needed

**Piano, Synthesizer, Drums**, All auxiliary percussion instruments.

**Reeds:** Soprano Saxophone, Alto Saxophone, Tenor Saxophone, Baritone Saxophone, Clarinet, Oboe, English Horn, Piccolo, and Flute

**Brass:** Trumpet, Horn, Trombone, Tuba

**Strings:** Violin, Viola, Cello and Double Bass

**Bass Guitar, Electric Guitar**

# PHYSICAL EDUCATION

## Physical and Health Education 8

### MPHE- 08

The Physical Health Education 8 course exposes students to a broad range of activities and experiences with emphasis on promoting healthy lifelong living both physically and mentally. Course activities may include football, volleyball, basketball, weight training, square dancing, softball, badminton, wrestling, minor games as well as field games.

## Physical and Health Education 9

### MPHE- 09

The Physical Health Education 9 course reviews the activities in the PHE 8 course while providing students the opportunity to further develop skills and fitness previously taught. Activities may include field hockey, rugby, soccer, volleyball, basketball, weight training, wrestling, badminton and softball.

## Physical and Health Education 10

### MPHED10

This course provides students with a variety of physical activities to further promote life-long fitness. This course emphasizes game play in team and individual sports. This course will also cover the aspects of the health and wellness curriculum as well as first aid. PHE 10 allows the students to experience off campus activities such as gymnastics, skating, marital arts and yoga.

*Students must choose from one of the two PHE 10 courses.*

## Physical and Health Education 10 (Fit For Life)

### MPHED10FFL

Fitness for life will give students the opportunity to be active in a noncompetitive environment where they will receive classes to have a healthy life style and mindset. Focus will be on individual fitness and growth with such activities as yoga, pilates, cycle fit, circuit training, weight training and off campus activities (eg. gymnastics, oxygen yoga, tactix).

This course will also cover the aspect of the health and wellness curriculum and first aid.

*Students must choose from one of the two PHE 10 courses*

## STRIVE 10 (Cohort)

### STRI10

(Four courses - English, Math, PE, and Science – see **Miscellaneous Courses** for more information.)

## Active Living 11/12 (Physical & Health Education)

### MACLV11/MACLV12

Students are offered a selection of the following activities: team sports; aquatics; triathlon training; racquet sports; outdoor and recreational pursuits; peer teaching, and optional field trips, which include skating, curling, gymnastics, martial arts, bowling, laser tag, and go-karting. Students may also attend some full-day field trips such skiing, and biking on Saltspring Island. Emphasis is on lifelong pursuits.

**Students must provide their own transportation to and from off- campus activities.**

## Strength & Conditioning 11/12 (BAA)

### YLRA- 1AD37/YLRA- 2AD37

This course will provided students the opportunity to improve their overall fitness by focusing on personal fitness activities with an emphasis on weight training. The course will be held on campus at SDSS. Students will gain knowledge in anatomy and physiology and will develop and implement their own personal fitness program. There will be a focus on individual training principles for life-long learning. This course is recommended for students who are highly motivated and work well independently.

## Fit For Life 11/12 (Active Living)

### MACLV11FFL/MACLV12FFL

Fitness for Life will provide students with an active, noncompetitive environment where they can provide a healthy lifestyle and mindset. Students will be provided with a variety of recreational and fitness activities. The focus will be on individual fitness and growth with activities such as yoga, pilates, cycle fit, weight training, swimming, aqua fit, fitness class. This course will be a mixed grade class designed to encourage students to be encouraged to be excited about physical fitness and help them create healthy living practices that will last a lifetime.

*Students taking Fit For Life 11/12 will be given credit for Active Living 11/12.*

## Recreational Leadership

**YIPS11B/YIPS12A**

*(out of timetable)*

Recreational Leadership will provide students the opportunity to explore and develop skills in a leadership setting in the school and community. Leadership will be demonstrated through organizational skills and working alone and in small groups.

Students will support our Varsity Athletic Program through scorekeeping, organizing and implementing tournaments and facilitating the schools intramural program. This course is not scheduled during the timetable rather students will meet during lunch and outside the timetable as well as time spent with after school activities.

## Fitness & Conditioning 12 *(Formerly Superfit)*

**MFTCD12**

Fitness & Conditioning (Superfit) is designed for highly motivated students who wish to pursue functional fitness and enhance sport specific training. Students will gain knowledge in advanced strength/conditioning techniques to assist in implementation of their individualized program as well as in anatomy and physiology, the principles of training and sports nutrition/sports enhancing supplements. Fitness & Conditioning (Superfit) will provide additional opportunities for students to experience hiking (The Chief), bootcamp, crossfit, HIIT, step class, self-defense (MMA, kickboxing), spin, hot yoga, biking, swimming, skating, squash, bowling, roller hockey and beach volleyball. Students **must provide their own transportation to and from off-campus activities.**



# SCIENCE

## Science 8/Sciences Naturelles 8

### MSC- - 08/FSCF- 08

This is an introductory science course where students learn important lab, inquiry, and safety skills. The course's main themes include: Cells and Cell Theory to explain the fundamentals of life; the Kinetic Molecular Theory and Atomic Theory to explain the behaviour of matter; the Wave Theory of Light to examine how energy is transmitted in waves; and the Theory of Plate Tectonics to explain and unify the Earth's geological processes.

## Science 9/Sciences Naturelles 9

### MSC- - 09/FSCF- 09

The Science 9/Sciences Naturelles 9 course covers the following topics: Safety; Scientific Method; Reproduction; Mitosis; Meiosis; Characteristics of Electricity; Atomic Theory; Ionic Compounds; Atoms; Elements; Ecology- including nutrient cycles.

## Science 10/Sciences Naturelles 10\*

### MSC- - 10/FSCF- 10

This is the last general science course a student will take, and covers the following topics: Safety; Scientific Method; Genetics and Mutations; Chemical Reactions and Processes; Transformation of Energy; Nuclear Energy and Radiation; Formation of the Universe. An emphasis will be placed on scientific inquiry, processes and techniques, data analysis, and the interactions of science and technology.

*\*French Immersion students who don't take Sciences naturelles 10 must take ETUDES DES ARTS MODERNES (Dramatique et Médiation) in grade 10, 11 or 12 or Éducation au choix de carrière et de vie (French Immersion Career Life Education 10 online)*

## STRIVE 10 (Cohort)

### MSC- - 10STR

(Four courses - English, Math, PE, and Science - see **Miscellaneous Courses** for more information.)

## Chemistry 11

### MCH- - 11

Chemistry is the study of matter. It is essential to the understanding of all fields of science including Physics, Biology, Earth Science and Astronomy. This course includes the following topics: Writing formulae and equations; The Mole Concept; Chemical Reactions; The Periodic Table; Bonding; Solution Chemistry; Organic Chemistry. About 25-30% of the course is based on many demonstrations and labs. Students are expected to be proficient in Math.

## Earth Science 11

### MESC- 11

Earth Science 11 is a survey course designed to provide insight into the major branches of Earth and Space science. Emphasis is placed on hands-on, lab-based activities that relate to Earth's processes. Areas of focus include: rocks and minerals; plate tectonics; earthquakes; volcanoes; oceanography; atmospheric science; geologic time and astronomy.

## Environmental Science 11

*(Formerly part of Biology 11)*

### MEVSC11

This course covers several fundamental concepts of biology and provides students with a better awareness of the environment and the role humans play. Ecology, ecosystem diversity, sustainability and restoration are the prevalent themes. The diversity and sustainability of local ecosystems, and the roles humans play in conservation and restoration of the natural world will guide our study.

## Life Science 11 (Formerly: Biology 11)

### MLFSC11

This course covers several fundamental concepts of biology and provides students with a better awareness of the biosphere. Evolution, taxonomy and comparative anatomy are the prevalent themes. The characteristics of living things and the biodiversity in local ecosystems will guide our study. Laboratory emphasis will be on animals, plants and micro-organisms.

## Pre- AP Chemistry 11

### MCH- - 11AP

*(80% minimum in FMP Math 10 and Science 10 is recommended)*

This course is designed to prepare students for AP Chemistry 12. While students will be tested at a similar level, the course will move at a faster pace than Chemistry 11 and cover more content. The course will include Chemistry 12 content and labs. Topics covered in the course are: Organic Chemistry, The Mole, Chemical Reactions, Thermochemistry and Reaction Kinetics.

## Physics 11

**MPH- - 11**

*(70% minimum in FMP Math 10 and Science 10 is recommended)*

Physics 11 is an introductory course designed to introduce the core concepts of physics. Problem solving in Newtonian mechanics, ray optics, wave mechanics, relativity and nuclear energy make up the bulk of the course. There is a strong emphasis on lab skills and measurement techniques using both analog and digital devices. Data analysis will be done with the aid of computers and technology. Physics is a recommended course for students interested in the sciences and engineering.

## Pre- AP Physics 11

**MPH- - 11AP**

*(80% minimum in FMP Math 10 and Science 10 is recommended)*

Pre AP Physics 11 is designed to prepare students for AP Physics 12. This course covers the all content of Physics 11 and following topics of Physics 12: Kinematics, Dynamics, Newton's Laws, and Momentum in 2D. Labs will require more rigorous analysis and there will be a greater emphasis on designing experiments around digital data collection and analysis, as well as engineering projects that will demonstrate application of physical laws. Course is designed to prepare students for senior physics courses.

## Science For Citizens 11

**MSCCT11**

Science For Citizens 11 provides students with opportunities to investigate, analyze, understand, and experience the relationships among science, technology, and human society. Science and Technology studies: Communications; Environment; Medicine; Lifestyles.

## Anatomy & Physiology (Formerly: Biology 12)

**MATPH12**

**Recommended:** *Chemistry 11*

This course will examine human anatomy and physiology. Emphasis on cell biology and biochemistry, within the context of homeostasis (biochemical self-regulation) and DNA will form the core of our study for the first half of the course. The investigation of organ systems, enzyme functioning and the complexity of the human body will form the core of our remaining study.

## Chemistry 12

**MCH- - 12**

**Strongly Recommended:** *Chemistry 11*

*(70% or higher in both Chemistry 11 and Math PC 11 is recommended)*

This course covers the following topics: Reaction Kinetics; Reaction Equilibrium; Solubility Equilibrium; Acid-base Chemistry; Electrochemistry.

## AP Chemistry 12

**ACHE- 12**

**Recommended: Chemistry 11 or Pre AP 11**

AP Chemistry 12 is a first year university science course that gives students the opportunity to receive both secondary and university credits, and prepares them to write the optional AP exam in May. This is an intensive course delving into the same topics as Chemistry 12 but to a greater depth. It will proceed at a faster pace than a typical Chemistry 12 course and it is recommended that students have successfully completed Chemistry or Pre-AP Chemistry 11.

## Geology 12

**MGEOL12**

Geology 12 builds on the concepts learned in Earth Science 11, with a specific focus on the physical world. It is a great course for students interested in learning more about the world around them. Areas of study include: rocks and minerals; resources; geologic time; plate tectonics; structural geology; weathering and erosion. One of the following is recommended: completion of Earth Science 11 OR a C+ or higher in one of Life Science 11, Environmental Science 11, Chemistry 11 or Physics 11.

## Physics 12

**MPH- - 12**

**Strongly Recommended:** *Physics 11*

*(70% or higher in both Physics 11 and Math PC 11 is recommended)*

Physics 12 is a continuation of Physics 11 and many topics will be revisited in greater detail. New topics include electricity and electromagnetism. Labs will require more rigorous analysis and there will be a greater emphasis on designing experiments around digital data collection and analysis, as well as engineering projects that will demonstrate application of physical laws. Students interested in the field of engineering are strongly recommended to take this course.



## AP Physics 1

### APHH- 12

**Strongly Recommended:** Physics 11 or Pre AP  
(80% or higher in both Physics 11 and Math PC 11 is recommended)

AP Physics 1 is a first year university science course that gives students the opportunity to receive both secondary and university credits, and prepares them to write the optional AP exam in May. AP Physics 1 covers material completed in Physics 11, Physics 12 as well as some concepts from first year university physics curriculum. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound. This course is taught at an accelerated pace and enriched with inquiry based activities, and it is recommended that students have successfully completed Pre AP-Physics 11 or Physics 11 course.

## Environmental Science 12

### MEVSC12/AENS- 12 (AP)

This course continues to develop several fundamental concepts of biology and provides students with a better awareness of the environment and the role humans play. Students will learn how humans affect the natural world through labs, discussions and other coursework. Areas of focus include: the living world; population; land and water use; pollution, energy use and global change. Students will have the option to complete self-directed units if interested in challenging the AP exam.



# SOCIAL STUDIES

## Social Studies 8/Sciences Humaines 8

### MSS- - 08/FSCHF08

The new Social Studies 8 / Sciences Humaines 8 curriculum looks at the world from the 7th century CE to 1750 CE with a focus on learning about how a variety of different cultures developed indecently and concurrently during this time frame. The big ideas include contacts and conflicts between peoples stimulated change; human and environmental factors shape changes in society; exploration, expansion and colonization varied depending on who was involved; and changing ideas about the world created tension amongst those wanting to adopt new ideas and those wanting to follow old traditions. Some topics include religions, technologies, scientific discoveries, trade, arts and culture amongst others.

## Social Studies 9/Sciences Humaines 9

### MSS- - 09/FSCHF09

The new Social Studies 9 / Sciences Humaines 9 curriculum looks at the world from 1715 CE - 1919 CE with a focus on how situations and ideas during this time affected the development of Canada. The big ideas covered in this course include emerging ideologies profoundly influence societies and events; the physical environment influences political, social and economic change; Disparities in power alter the balance in relationships of individuals and societies; and collective identities are constructed and can change over time. Major topics include a variety of revolutions around the world, effects of imperialism, nationalism and its effects, discriminatory policies and conflicts amongst others.

## Social Studies 10/Sciences Humaines 10

### MSS- - 10/FSCH- 10

The new British Columbia Curriculum for Social Studies 10 / Sciences Humaines 10 looks at Canada and the world from 1914 until the present. The big ideas for the course include the concepts that global and regional conflicts, including the World Wars, have shaped our contemporary world and identities; the development of political institutions is influenced by economic, social, ideological and geographic factors; world views lead to different perspectives and ideas about developments in Canadian society; and historical and contemporary injustices challenge the narrative and identity of Canada as an inclusive and multicultural society. While traditional history remains a focus, there is a further focus on understanding the factors which have led Canada to be the way it is today.

**Required:** *students are required to take one of the following social studies course in either their grade 11 or 12 year. Students can take more than 1 option as electives.*

## Explorations in Social Studies 11

### MEPSS11

Explorations in Social Studies 11 is a course that will allow students to survey the senior courses available in the Social Studies discipline. The course will deepen the understand students have of Canada and its relationship with the rest of the world. The course will focus on developing the historical thinking concepts and teaching students to be active, critical learners. Some topics of study could potentially be Canada's international identity and the Cold War, Human Geography, Canadian Government structure, Canadian Law, Comparative Cultures, Social Justice or Genocide Study. This course is recommended for any student wishing to take senior level Social Studies courses.

## Sciences Humaines 11

### FEPSS11

In Sciences Humaines 11, the students take part in a survey course that allows them to find subjects they may wish to pursue further in grade 12. It also covers some aspects of courses which are not offered at SDSS in grade 12. The Curriculum for the course follows aspects from 4 of the big concepts from the various grade 12 curriculums including Political studies and the need for involved and informed citizens; Economic Studies relating to various principles of economics and how they affect lives today; Genocide Studies around how genocides have occurred around the world and the fact they are not a foregone conclusion; and finally Social Justice initiatives of the past and present to look at how individuals and groups can affect positive change within a society. Sciences Humaines 11 satisfies one of the French language requirements other than Français Langue to obtain a double dogwood diploma.

## **Comparative Cultures 11/12**

### **MCMCL12**

The Comparative Cultures curriculum provides students with a range of experience and skills that facilitate their understanding of, and sensitivity to, a variety of cultures. Students will be expected to understand and implement the historical thinking concepts to construct history through the exploration of historical significance, evidence, cause and consequence, continuity and change, historical perspective, and the ethical dimension. The aim of the course is to foster students' awareness of various civilizations throughout the world and their contributions to the sum of human experience. The cultures explored in this course include Mesopotamia, Ancient Egypt, Ancient India, Ancient Japan, Ancient Rome and Ancient Greece. Students will be expected to apply research and presentation skills, describe concepts that define the foundations of civilizations, and analyze and evaluate the components of culture and art. Students will communicate their knowledge and understanding about civilizations by using effective written, oral, and graphic communication skills.

## **Comparative World Religions 11/12**

### **MWRL- 12**

Comparative World Religions curriculum provides students with a range of experience and skills that facilitate their understanding of religious beliefs across time and place as a common aspect of many human societies. Students will be expected to understand and implement the historical thinking concepts to construct history through the exploration of historical significance, evidence, cause and consequence, continuity and change, historical perspective, and the ethical dimension. The aim of the course is to foster students' awareness of various religions and how they can powerfully shape social, political, legal and environmental values. The cultures explored in this course include Mesopotamia, Ancient Egypt, Ancient India, Ancient Japan, Ancient Rome and Ancient Greece. Students will be expected to apply research and presentation skills, describe concepts that compare various beliefs to provide insights into the diverse global cultures and peoples. Students will communicate their knowledge and understanding about world religions by using effective written, oral, and graphic communication skills.

## **Economic Theory 12**

### **MECT- 12**

This course meets most university admission requirements. Students discover how an economy operates from both a macro and micro economic perspective. In addition to economic concepts, students also develop critical thinking skills. Emphasis is placed on what to expect from both a university course structure and a career in business. Topics include: government policies and price controls; supply and demand; economic indicators; Canadian and global economy; financial securities and the stock market; real estate market; incentives and human behaviour; current news and trends.

## **Human Geography 11/12**

### **MHGEO12**

In this course, students will learn about and demonstrate knowledge of the global connectivity of the world through analysis of different sources of data. They will see how humans and human population density and distribution are affected by physical and cultural landscapes. A deep understanding of how humans have modified the environment both positively and negatively will be dealt with. Students will be able to assess and draw conclusions from geographic evidence. Finally, students will demonstrate how a single geographic region can contain a variety of physical features and human interactions. Students will be required to complete several self-directed research activities.

## **Law Studies 11/12**

### **MLST- 12**

The goal of this course is to give students an introduction to Canadian criminal and civil law. This will be accomplished through studying documents such as the Canadian Charter of Rights & Freedoms, the Criminal Code of Canada and others. We will also examine the different court systems in Canada as well as Canada's correctional system. Law is a course that is constantly changing due to the evolving nature of law in Canada. Understanding how/why our laws change over time and how the laws and legal framework of Canada affect our daily lives are some of the big ideas that will be studied in this course. Students will communicate their knowledge understanding of the law using effective written and oral communications skills.

## Political Studies 11/12

### MPLST12

This is a course that is designed for students who are looking to have a deeper understanding of political institutions and processes in Canada. Politics ultimately boils down to individuals or political parties trying to convince people to vote for them. How they use the media, their own content and advertising or other political groups to accomplish this will be examined. Course content will also include the major political ideologies and platforms of Canadian provincial and federal parties. How we elect our public officials including the process of our elections as well as the different electoral systems in Canada and around the world will also be studied. Perhaps now more than ever, having and understanding of how our political systems work in Canada & other countries and the ability to be able to examine political messaging with a critical eye is a necessary skill for Canadian citizens.

## 20th Century World History 11/12

### MWH- - 12

This course covers World history from the final chapters of the Great War until the end of the 20th Century. Students will be challenged to expand their historical thinking as they critically analyze the cause and effect relationships between key events, historical figures, and movements of the 20th century. Major themes of this course include Nationalism, the decline of Imperialism, & rapid technological advancement; all of which played a significant role in the social, economic, and political developments of the last century. Some specific areas of study will include the Russian Revolution, WWII, the Cold War, social & political developments in Asia and the Middle East, Technology & Warfare, the U.S. Civil Rights movement, Apartheid, History & Memory, and many other important historical topics. This course is designed to expand critical thinking, and to encourage engagement in the moral & ethical dimensions of the past, as well as those today.

## Social Justice 11/12

### MSJ- - 12

Social Justice is the assurance that the basic human rights of all people, everywhere, are upheld. Through reading, film, projects, and inquiry, you will come to understand the causes and consequences of oppression and injustice based on many factors (ability, age, ethnicity, religion, sex, sexual orientation, gender identity, poverty, globalization, and more), both historically and today. Examine social justice issues as you become aware of personal and social responsibility, considering ways to make change. Challenge yourself to be an educated, ethical, open-minded global citizen by choosing this senior elective course, which is now recognized by many major universities.



**Electives:** *(the following courses are electives and do not count towards students Social Studies graduation requirements.)*

### Health Psychology 11 (BAA)

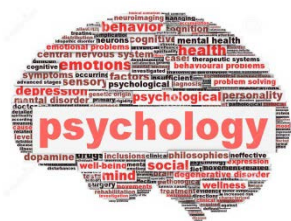
**YPSYC1BC37**

This course looks into the mind-body relationship on how people improve their health and prevent illness. Students will be exploring how health behaviours greatly modify human health, stress and coping, the power of the mind to heal the body through mindfulness, flow, and purpose, as well as investigations into the healthcare industry. Several physical activities such as yoga and meditation are planned to practice and try out the concepts we are learning about. The costs will be covered through a small course fee.

### Psychology 11 (BAA)

**YPSYC1AD37**

This course is an introduction to the science of psychology. Students investigate the workings of mind and behaviour. Areas of focus include personality theories, behaviour disorders, lifespan and developmental psychology, and abnormal psychology. Other topics of interest are sensation and perception, learning and memory principles, states of consciousness, and the history of psychology.



### AP Psychology 12

**APSY- 12**

This first year university course gives students the opportunity to receive both secondary and university credits. Students are introduced to the science of psychology via investigation of behavioural and mental processes of human beings and other animals. Some areas of psychology examined in this course include the biological bases of behaviour, sensation and perception, states of consciousness, health psychology, learning and memory, motivation and emotion, personality, abnormal and social psychology, and the treatment of psychological disorders. This course prepares students to write the optional AP exam in May the cost of approximately \$150. Psychology 11 is recommended but not required.

### History Through Film 11/12

**YMIS- 1AD37**

**Pre- or Co- requisite: Socials Studies 10 and/or History 12**

Intended to be both a supplementary course to History 12, as well as an introduction to the events of the 20th Century for those with a passion for the history of the era. This course parallels the topics covered in History 12 while investigating events and ideas primarily through film and television while also using primary sources and secondary sources. Students will gain an understanding of the events that shaped the 20th Century while examining bias in the interpretation of historical events. The course is open to both grade 11 and 12 students and it is not mandatory to be taking or have taken History 12 to be enrolled in this course.

# TECHNOLOGY EDUCATION

## Technology

### Technology 9

#### MADIT09TEC

This STEM course encourages students to design, build, and compete in several engineering challenges. Topics covered include robotics, electronics, programming, mechanical devices, and fluid dynamics. Students will have the opportunity to program Lego robots, design phone apps, build interactive electric circuits, and construct their own virtual reality goggles. Some of the challenges include building chemical rockets, CO2 dragsters and race-boats, spaghetti bridges, hydraulic arms, and Rube Goldberg contraptions.



## Automotive

### Mechanics 9

#### MADPT09

This course gives students a practical working knowledge of 4 and 2 cycle engines typically found on lawn mowers, garden tractors, chain saws, dirt bikes, go karts etc. Proper disassembly and reassembly procedures for a typical small engine are learned. In addition, students are required to conduct a major research assignment on some aspects of mechanics.

### Mechanics 10

#### MTPOW10

The objectives in this course are to solve various common automotive problems and preventative maintenance. Students participate in both labs and theory in dealing with safe work habits and common pitfalls of being an automobile owner. Projects include the disassembly/inspection/assembly of automotive systems, design/construction of a tethered sumo robot as an introduction to robotics and electronics, and welding clinics to gain valuable experience with gas and electric welding techniques. Mechanics 9 is recommended but not required.

### Automotive Technology 11

#### MTAUT11

This course is a combination of knowledge and hands-on skills. Focus areas include safety, measurement, theory of mechanical and electrical operation, tools and equipment, and procedures with an emphasis on the diagnosis, maintenance, repair of modern automobiles and other motorized vehicles.



### Performance Mechanics 11 (BAA)

#### YMR-11C

**Prerequisite:** *Automotive Technology 11*

This course reviews and builds upon previous knowledge and practical skills. Fields of study include steering, suspension, efficiency, legal modifications, emissions, electrical theory, fuel injection systems, enhanced troubleshooting skills, and a metal welding component. This course is intended to be taken concurrently with Automotive Technology 11

### Automotive Technology 12

#### MTAUT12

This course encourages the development of analytical and critical thought patterns in diagnosing automotive problems. Theory and practice in automotive electrical, fuel, and auxiliary systems are studied. The students develop a competency that will enable them to determine their desired work in the automotive field or to further their training in related areas.

### Automotive Engine And Drivetrain 12

#### MTEAD12

This course is intended to introduce students to the major repair procedures utilized in the engine and drive train maintenance process. Other systems such as cooling, ignition, and fuel, are covered in more depth than in Automotive Technology 12, as well as drivelines, transmissions, and differentials. This course is intended to be taken concurrently with Automotive Technology 12.

*Please Note: All Applied Skills courses are ADST (Applied Design, Skills, and Technologies Courses)*

# Drafting

## Drafting & Design 9

**MADD- 09**

This course introduces students to drafting and design using 2D and 3D modeling industry tools such as AutoCAD and Rhinoceros . Other programs such as 3D Studio Max and Maya will be examined. As well, students will investigate fabrication of objects using CNC tools, as well as 3D printing. In the third term students are introduced to architectural design using Sketch up and Revit. Students who excel in this course may be encouraged to enroll in the CTC Drafting Program, which is a partnership program between South Delta and Kwantlen University College.

## Drafting & Design 10

**MTDRF10**

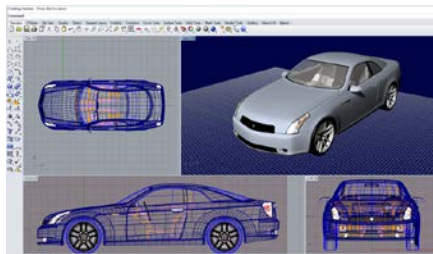
This course is open to any grade 10 student, of any experience level. Students are introduced to drafting and design using 2D and 3D modeling industry tools such as AutoCAD and Rhinoceros . Other programs such as 3D Studio Max and Maya will be examined. As well, students will investigate fabrication of objects using CNC tools, as well as 3D printing. In the third term students are introduced to architectural design using Sketch up and Revit. Students who excel in this course may be encouraged to enroll in the CTC Drafting Program, which is a partnership program between South Delta and Kwantlen University College.

## Drafting & Design 11

**MTDRF11**

Drafting and Design 11 is open to any grade 11 student, of any experience level. This course introduces students to the Autodesk Suite of tools including AutoCAD, Inventor, 3D Studio Max and Maya, as well as Industrial Design tools such as Rhinoceros. Students become proficient at using modeling tools to develop 2D Geometry drawings and 3D Solid Modeling. The latter half of the course introduces students to an architectural problem requiring the development of floor plans, elevations and a 2- point perspective rendering. As well, students will investigate fabrication of objects using CNC tools, as well as 3D printing.

Students who excel in this course may be encouraged to enroll in the CTC Drafting Program which is a partnership program

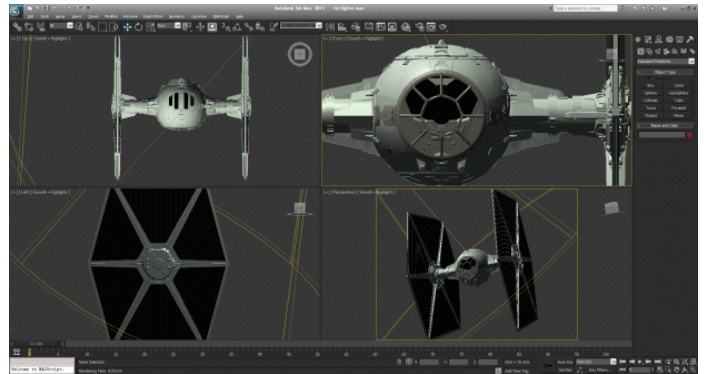


Department and Kwantlen University College.

## Drafting & Design 12

**MTDRF12**

Drafting and Design 12 is open to any grade 12 student, of any experience level. It is a useful accompaniment to any student who wishes to enter an engineering course. Advanced Engineering and Architectural skills will be developed and applied. This course explores 2D and 3D Solid Modeling, and promotes the use of computers using Autodesk Suite of software. This course is available to grade 10 students who have completed Drafting 9.



## Animation and 3D modeling: (BAA)

**MADIT09ANM/YCCT- 0A/YCCT- 1A/YCCT- 2A**

### Grade 9 - 12

This course is designed to expose students to a variety of forms of animation. Through exercises and projects, students will experience the production of different forms and techniques of animation, including:

- Traditional Animation with an emphasis on the basic principles of animation
- 2D computer software animation
- Cut out and mixed media animation
- Stop Motion/Claymation
- Rotoscoping

As well there is an overview of the technical and historical evolution of animation to help you understand and appreciate the art.

Goals for the course are:

- Learning basic drawing techniques
- Understanding animation timing and translating into frames
- Think in terms of movement, form, volume and space
- Use animation as a medium
- Tell a concise story through animation

*Please Note: All Tech Ed courses are ADST (Applied Design, Skills, and Technologies Courses)*

# Woodwork

## Woodwork 9

### MADW- 09

This course introduces students to the safe use of woodwork machinery and hand tools. Students will learn a variety of joinery techniques in order to design and build a treasure chest, a segmented-wood cutting board, and a turned object, such as a pen or bowl.

## Woodwork 10

### MWWK- 10

This course builds upon the safe use of woodworking machinery and hand tools to consider more complex joinery. Students will focus on re-designing and building a small personalized cabinet, shelving unit, or table. Students will also have the opportunity to engage in community-based design and construction projects (ex. little libraries, habitat homes, etc.).

## Woodwork 11

### MWWK- 11

This is an advanced course in furniture construction. Students should be prepared to design, draft, and build one substantial piece, or several smaller pieces of furniture. Ideal projects include a dining room table, a chair, bed frame with headboard and footboard, or outdoor furniture.

## Woodwork 12

### MWWK- 12

This is an advanced course in cabinet construction. Students should be prepared to design, draft, and build a substantial cabinet or several small cabinets. An entertainment center, spice box cabinet, kitchen hutch, or china cabinet are ideal projects to develop the skills needed to earn credit for this course. Projects may include a raised panel door, drawer, and shelf.

*Please Note: All Tech Ed courses are ADST (Applied Design, Skills, and Technologies Courses)*



# THEATRE

## Drama 9

**MDR- - 09**

This is a developmental drama course which builds on the voice, body, creative and critical thinking skills introduced in Fine Art 8. Drama 9 explores improvisation, role play, play-building, storytelling, character development, introduction to monologue and dialogue, and scene study, as well as an introduction to scriptwriting. Students receive the opportunity to expand their thinking through experiencing live theatre in the community.

## Drama 10

**MDRM- 10**

Drama 10 transitions from a developmental drama course into an acting course, as the course intensifies and builds on voice, body, interpretive, creative, and critical thinking skills developed in Drama 8 and 9. Students continue to work on group dynamics, improvisation, and character building in order to further develop the actor's ability to "play", and learn the basics of breaking down monologues, scenes, and 10-min plays. Students are introduced to Shakespeare, Greek, and other styles of theatre based on chosen material in an acting context, and classic and contemporary texts are also explored.

## Drama 11

**MDRM- 11**

A genuine love of theatre is strongly recommended for all students enrolling in this course as some participation outside of class time is expected. The course demands a mature level of concentration and commitment because of student driven rehearsals and performances. Concentration is on voice, movement, improvisation, directing, monologue and scene development and presentation, play readings and presentation, and a final senior showcase. Students engage in the staging and performance of a full length play and/or a one act play festival, and must be driven to explore, and possess, an interest in performing for peers and invited audiences. Students are introduced to Shakespeare, Greek and other genres of theatre, based on chosen material in an acting context, and receive the opportunity to expand their thinking through workshops with industry professionals.

## Drama 12

**MDRM- 12**

**Prerequisite: DRAMA 11**

A genuine love of theatre is strongly recommended for students enrolling in this course as some participation outside of class time is expected. The course demands a mature level of concentration and commitment because of student driven rehearsals and performances. Concentration is on voice, movement, improvisation, directing, monologue and scene development and presentation, play readings and presentation, and a final senior showcase. Students engage in the staging and performance of a full length play and/or a one-act play festival, and must be driven to explore, and possess, an interest in performing for peers and invited audiences. Students are introduced to Shakespeare, Greek and other genres of theatre, based on chosen material in an acting context, and will receive the opportunity to expand their thinking through workshops with industry professionals.

## Theatre Production/Technical Theatre

**Grade 9 to 12**

**(afterschool)**

**XST- - 09/MDRTP10/MDRTP11/MDRTP12**

This after school class is a commitment to creating, producing, and executing community and school-based musical theatre productions. Theatre production is an important part of theatre and includes many activities that are theoretical and practical, technical and creative. Students will create functional sets, as well as learn about lighting and sound techniques, prop fabrication, scenic painting, and other aspect of technical theatre in this hands-on course. This is a practical course for students interested in theatre, either as a career or as a hobby. Senior students will be expected to take on leadership roles and develop their skills in pre-production, production and post-production. Rehearsal times are irregular, taking place after school and in the evening, including the occasional weekend, and students should be aware of the extensive and intensive hours of rehearsals surrounding theatre productions. Students work with theatre professionals and take part in occasional field trips off-campus.

## **Instrumental Music: Musical Pit Orchestra**

**Grade 9- 12**

*(after school)*

**MMU- - 09OR/MMUOR10/MMUOR11/MMUOR12**

Students with a strong interest in performance combine their talents in technical theatre, pit orchestra, and musical cast to present a Broadway musical. After school X block rehearsals occur on Wednesdays.

Participation depends on cast auditions, instrumental music ability and technical theatre qualifications.

Pit Orchestra: masters the music for the show, including the overture, entr'acts, and all songs for the show as well as developing the art of accompaniment for a professional level show

Instrumentation needed

**Piano, Synthesizer, Drums,** All auxiliary percussion instruments.

**Reeds:** Soprano Saxophone, Alto Saxophone, Tenor Saxophone, Baritone Saxophone, Clarinet, Oboe, English Horn, Piccolo, and Flute

**Brass:** Trumpet, Horn, Trombone, Tuba

**Strings:** Violin, Viola, Cello and Double Bass

**Bass Guitar, Electric Guitar**

## **Musical Theatre**

**9 to 12 (BAA)**

**MDR- - 09MT/MMUTH10/ MMUTH11/MMUTH12**

*(after school)*

This after school class is a commitment to creating, producing, and performing community and school-based musical theatre productions. This course requires the collaborative efforts and artistry of actors, directors, producers, writers, dancers, and musicians. They apply skills in leadership, teamwork, commitment, backstage and onstage etiquette, and front-of-house communication and protocol. Through the rehearsal and performance process, students apply skills and attitudes necessary to perform within a Theatre Company, learning valuable personal and interpersonal skills they can apply in broader social and career contexts. Rehearsal times are irregular, taking place after school and in the evening, including the occasional weekend, and students should be aware of the extensive and intensive hours of rehearsals surrounding theatre productions. Students work with theatre professionals and take part in occasional field trips off-campus.

Academy programs are District run elective classes that may or may not take place at a different high school than where the student attends. Programs are credited courses scheduled within the school day. These courses fulfill student's graduation requirements.

Transportation **is not provided**. Students from both out-of-catchment and out-of-district are eligible to participate in an academy program. Out-of-district students must be registered at a Delta school.

**Applying is a two- part process:**

1. Choose the academy through MyEd on your course selection sheet. (If MyEd is closed please contact your school counsellor.)

**AND**

2. Also through online registration on the Delta Academies website

**For online application, fees, videos, program content and transportation information, visit us at: [deltaacademies.ca](http://deltaacademies.ca) or call 604 952- 5374.**

**DANCE ACADEMY**  
**Delta Secondary**  
**Gr. 8**

**FILM VISUAL EFFECTS (VFX)**  
**The Studio**

## CAREER EDUCATION

### Required Curriculum



## CAREER PROGRAMS

### Optional Experiential Learning



For more information visit

[www.deltalearns.ca/careers](http://www.deltalearns.ca/careers)

# DELTA CAREER PROGRAMS



Gain an advantage now for your future.

**Delta School District offers 3 different Career Programs** that offer students the chance to gain skills, knowledge, and attitudes needed to be successful in the workplace.

## Benefits

Explore career opportunities | Gain valuable work experience | Develop skills and attitudes for the workplace | Transition from school to work or post-secondary education | Receive personal references | Develop confidence and self-reliance | Earn four graduation credits per course

## WORK

### EXPERIENCE

**WORK EXPERIENCE** is a program for Grade 11 or 12 students that prepares students for the transition from school to the workplace by integrating classroom preparation with practical experience.

*4-8 graduation credits*

## ita | YOUTH

## WORK

### IN TRADES

**WORK IN TRADES** is a paid apprenticeship program under the supervision of a certified tradesperson. The student receives high school credits along the way.

Grades 10-12

*4-16 graduation credits*

## ita | YOUTH

## TRAIN

### IN TRADES

**TRAIN IN TRADES** is a dual credit program for Grades 11 and 12. Receive elective credits, post-secondary credits, and Industry Training Authority (ITA) apprenticeship training. Your tuition is paid by the school district for partnership programs.

*8-24 graduation credits*

See the website for more information.

[www.deltalearns.ca/careers](http://www.deltalearns.ca/careers)

## CAREER TRANSITIONS OVERVIEW

Career development is one of the three main goals of the education system in British Columbia. A person's career is considered their *journey* through life, and the K-12 Career Education curriculum offers students the opportunity to pursue this in personally meaningful and goal-oriented ways. Students and parents can embrace the options & opportunities through administrators, teachers, career & post-secondary advisors, career facilitators, and counselors, as well as district staff, programs, events and our website. Career Education K-7, 8 & 9 helps youth begin to explore & discover who they are and who they want to be. This continues through to graduation and beyond with 8 credits of Career Education through Career Life Education (CLE) as well as Career Life Connections (CLC) & Capstone. In addition, Delta School District has a variety of excellent Career Programs options including Work Experience programs, Youth apprenticeship & Trades (Train in Trades & Work in Trades), CTC CADD, and Farm Roots Mini School as opportunities for students to further enhance their career-life transition. Please visit [www.deltalearns.ca/careers](http://www.deltalearns.ca/careers) for more information.

### Career Education 8 and 9

In Career Education 8 and 9, students explore concepts such as identity, leadership, personal planning, and transferable skills. Students begin to explore in greater depth their skills and passions, and begin to determine possible routes to their goals. This is done through activities that develop their self-awareness, working with others (collaboration and communication), career knowledge and awareness, and career planning. The required curriculum may include career focused learning within existing subjects, unique activities like Take Our Kids to Work Day in Grade 9, assemblies, student conferences, career fairs, subject based career days, mentorship or other career activities.

### Career Life Education

Career Life Education is a course required for graduation. Career Life Education begins the experience & application journey. Content includes self-assessment, goal setting, lifelong learning, grad requirements, financial planning, workplace etiquette, local & global labour market trends, essential career & employability skills, post-graduation opportunities, employment standards, workplace safety, and awareness of work experience opportunities.

### Career Life Connections & Capstone

Career Life Connections & the culmination of a Capstone Project are required courses for graduation. Content will continue to emphasize the three main themes of Personal Career-Life Development, Connections with Community, and Career Life Planning, with the curricular competencies supporting these in a variety of ways. See the curriculum for details. Major outcomes are expected to include a 1) personal plan for post-graduation; 2) a career-life exploration of experiential learning (30 hours or more) which can include service learning, volunteerism, employment, fieldwork projects, entrepreneurship, and passion projects; 3) and to design, assemble, and present a capstone project to an audience. This culminating project would demonstrate personal learning and achievement (in and out of school), growth in the core competencies, and a reflection on students' post-graduation plans.

### Work Experience 12

Students gain experience in the career field of their choice through a combination of employability skills training and 90 plus hours of work experience. Starting in grade 11 or 12 they develop their employability skills and are then placed with local employers in unpaid positions that align with their interests, passions, and future career goals. The community becomes the classroom where students gain experience at the workplace and will be better prepared to embrace or revise their career goals. Through employer assessment, students receive valuable real-world feedback about their employability skills and technical skills. Registration is required, contact your school career staff or counselor for further details. Additional credit can be earned for Work Experience 12B by continuing on for a second 90 hours along with the needed curriculum.

### Youth Train in Trades (formerly known as ACE IT)

Youth Train in Trades is an industry training program for grade 11 and 12 students. It is the first year (level 1) of the classroom /shop training which is 20% of becoming a journey person (training on the job is the other 80%). Some programs run for a full semester, others are shorter or every other day at a linear school. Students take dual credit courses that will give them credit towards both secondary graduation and the first level of apprenticeship or industry training. 'Train in Trades' programs are offered as partnerships between school districts and training providers, as well as our own Designated Trainer facilities. Our partners include BCIT, VCC, KPU, and FTI. Upon successful completion they will receive credit for 'level one' of the technical training

(in-class) component of an Industry Training Program. That means they will have a significant head start on post-secondary education by the time they graduate from high school - as well as gaining practical and in-demand skills. Work experience placements may be a part of a program and students also receive registration with the ITA. The District generally pays for the tuition costs with students being responsible for all other costs such as materials, personal safety equipment, textbooks, and learning modules. Students must follow an application process including a site visit, and have the needed essential skills to be considered for a District Youth Train in Trades program. Application does not guarantee acceptance to a program as seats are limited and competitive. Applications are due prior to spring break for the following school year. For more information on what Youth Train in Trades programs are currently offered and help with applying, please contact your school career contacts and visit the Train and Trades page on the District Website [www.deltalearns.ca/careers](http://www.deltalearns.ca/careers).

### **Youth Work in Trades** (formerly known as SSA)

'Youth Work in Trades' offers students aged 15 to school age 19 an opportunity to begin their apprenticeship while still in school. It is the beginning of training on the job which is typically 80% of becoming a journey person (classroom training is the other 20%). Students must be hired (paid) and working under the direction of a Journey Person. As well, their employer must agree to sponsor them with the ITA through Delta District as a Youth Apprentice. Up to four grade 11/12 courses (11a, 11b, 12a, 12b) and a \$1000 award are possible. This is a great start or continuation to Youth Train in Trades as well. Work Experience 12 can also be used as a starting point. Advantages of Work in Trades include: four credits for each 120 hours of paid employment (up to a maximum of 16 credits for 480 hours), registration with the Industry Training Authority, potential for \$1000 award upon completion, earn hours towards your trade with the ITA, and learn in a 'real world' situation. For a complete list of the 100+ trades and further details, visit [www.itabc.ca](http://www.itabc.ca), especially the 'Youth' area. For more information on how to register as a Youth Work in Trades student, please contact your school career contacts and visit the Work and Trades page on the District Website [www.deltalearns.ca/careers](http://www.deltalearns.ca/careers).

### **CTC- CADD (Computer Aided Drafting & Design)**

CTC (Career Technical Consortium) is with Kwantlen Polytechnic University and offers Grade 11 and 12 students the opportunity to get a head-start to their Drafting Citation program. Upon successful completion of a course, students will receive credit towards graduation as well as the Kwantlen credits towards the diploma. Offered at the Cloverdale campus, students may apply for acceptance in the

CADD program. Courses are offered on a part-time basis, two evenings per week (usually Tues/Thurs) in the Spring, Fall, and Summer semester. Three courses are available to accepted senior secondary students and those with Drafting 11 and/or 12 can write an Assessment to achieve credit for a fourth course - CADD 1100. The district will cover the tuition for the first two courses, with the student responsible for the course tuition in the summer. Books and transportation arrangements and costs are the responsibility of the student.

### **First Responders**

#### **MWEX- 2A/MWEX- 2B**

Interested in a Medical Career- Doctor, Nurse, Physio therapist, Athletic trainer then the SDSS School First Responder program may be for you. You can earn up to 8 Grade 12 credits for Work Experience.

A first responder is a student who is given a high level of training in first aid and once qualified is part of a team that helps the school's student body in the event of any injury. This program has been developed by the BC Ambulance Service which supplies all the necessary equipment for the program plus offers on going advice and assistance to the schools.

The program puts a great deal of responsibility on the students and requires a serious commitment by all participants. Besides regular group meetings, students will be placed in teams of two and given a pager. One day per week the team of two or three will have the responsibility to assist students in the school with any and all medical problems. In the event an injury occurs, the First Responder will be paged and will ask to leave the classroom. They will proceed down to the medical room and care for the injured or sick person. All First Responders will be supported and assisted by the school's teacher first aid attendant.

To qualify for this program each student must take two first aid courses put on by the BC Ambulance Service. The first is Standard First Aid. This course will cost your son/daughter \$125.00 and will include 16 hours of training and all necessary course supplies (Red Cross and P.E. 10 as well as Lifeguard training equivalent may qualify).

The second course is the main First Responders course which costs \$425 and offers a full 40 hours of instruction and all necessary materials.( NLS, Bronze Cross and other Lifeguarding courses equivalent may qualify) There may be subsidy for both courses available. Please see Mrs. Burr if interested - Room 157E in Counselling area.