

# MOUNT SENTINEL GRADE 9 OFFERINGS (2018/19)

## ELECTIVE COURSE OFFERINGS

### PERFORMING AND FINE ARTS EDUCATION

#### **Drama 9/10**

**MAE--09-D**

Students are immersed in the Core Competencies through the creative art of drama. Students will also develop drama skills/techniques and learn about the elements of drama and theatre through a variety of creative drama projects which will develop critical and creative thinking, personal and social awareness and responsibility and foster positive personal and cultural identity. Course work will involve character building, improvisation, creating plays, speech and movement work, and the writing and performing of scripts and scripted scenes. Stage etiquette and theatre terminology are also included. Cooperative learning skills are necessary.

#### **Art 9 - 12**

**MAE--09-V**

Students will be involved in formulating and investigating creative visual problems. Art products will be personal developments resulting from these explorations. Investigations will focus on media, themes, and visual arts elements and principles of design as well as creative strategies. The process of discovery, invention, and risk taking will be emphasized to enhance creativity. Studio activities will include selections from drawing, painting, printmaking, mixed media and three dimensional design. Creative personal approaches will be encouraged for all projects. A sketchbook will be required for this course

#### **Instrumental Band 9-12**

**MMCB1020**

**MMU--09** (*Outside Timetable*)

An important outcome for Band is to have fun by enjoying making music! Each year requires progressively greater competence in technique skills, tone, and ability to play well in ensemble situations and progressively greater responsibility for assisting their sections to play their best. A wide range of styles is explored including traditional concert band literature, pop, rock, jazz and contemporary. The goal is to work toward public performance for school and community.

### LANGUAGES

#### **French 9/10**

**MFR--09**

Following the revised curriculum, students will continue to improve upon their speaking, writing, reading and listening skills. This will be accomplished through many enjoyable and engaging activities, while students also learn about French culture through film, videos, technology and food.

### APPLIED DESIGN SKILLS AND TECHNOLOGIES

#### **Foods 9/10**

**MADFS09**

This course starts off with more basic cooking skills and progresses to more complex recipes throughout the semester. The course covers areas such as: safety and sanitation, food preparation skills, healthy eating, and a number of other food related topics that are relevant to our modern society. Students will learn about the nutrients and food groups and how they affect our bodies. This is a great course for someone who enjoys cooking, trying new foods, and developing their cooking skills.

#### **Wood Working 9/10**

**MADWD09**

A traditional woodworking course designed to introduce students to a variety of woodworking tools and processes, including basic joinery and finishing techniques. Students will also learn how to create and interpret simple working drawings, select materials, and work safely in a shop environment. Students will begin by completing a series of required projects to develop basic skills to a minimum proficiency. Afterwards, students may choose from a list of projects supplied by the teacher. Students in grade 10 who have taken woodwork in grade 9 may, in consultation with the teacher, build a project of their own choice based on their abilities and skill level.

#### **Mechanics 9/10**

**MADPT09**

Students are introduced to basic mechanical power systems and their applications. Students will develop an awareness of current and emerging trends in design, energy use/consumption, and recycling. The small engine unit will introduce students to systematic planning and procedures while developing problem solving skill. Basic and specialized hand tools will allow students to explore the operation of a small engine through a complete disassembly, inspection and reassembly of the engine.

#### **Design & Build 9/10**

**MADD--09**

Students learn the basics of the design cycle. They have to analyze the design problem, brainstorm, research, and sketch ideas, then construct their product solution using the available shop equipment. Students will learn to work with wood, metal and plastics in the various projects in this course. Some of the designing and manufacturing will be with computer design software and computer controlled machining. Projects in this course MAY include, but are not limited to: CO2 Dragsters, mousetrap cars, Wooden Burr Puzzles, CNC manufactured fidget spinners and personalized cell phone cases.

### LEARNING SKILLS AND ONLINE SUPPORT BLOCK

#### **Learning Skills Support**

**XSIEP9A**

In consultation with the student, parents, staff and our Learning Support team, a personalized learning block can be assigned.

#### **Assigned Time: Online**

**XAT--09\*\***

With approval by administration, students may be registered in this block to allow for a learning opportunity that does not fit the traditional schedule. See the Counsellor or Principal/Vice Principal.

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## REQUIRED COURSE OFFERINGS

### **English Language Arts 9**                      **MEN—09**

In English 9, students study language and literature in a collaborative environment, with an emphasis on reading, writing, viewing, listening, and speaking. Mount Sentinel considers the development of literacy skills, especially comprehension, analyzing, critical thinking, viewing, deconstructing and presenting, to be essential foundation skills for the life long learning, and so offers specific instruction integral to these outcomes in all English classes.

### **Mathematics 9**                                      **MMA--09**

The aim of Mathematics 9 is to provide students with the opportunity to further their knowledge, skills, and attitudes related to mathematics and numeracy. Students will be given opportunities for meaningful discussions and self-reflection and to work with a variety of materials, tools, and contexts that will further their conceptual and procedural comprehension, problem solving skills, and communication skills. The goal is to allow students to make the essential links among concrete, pictorial, and symbolic representations of mathematics. During their learning journey, students will continue to develop and strengthen their curricular and core competencies.

### **Science 9**    **MSCI-09**

Science 9 will provide students with the opportunity to further their knowledge and skills related to science and to strengthen their core and curricular competencies. Students will explore and develop a solid foundation of conceptual and procedural knowledge in biology, chemistry, physical sciences, and earth science through direct instruction, meaningful student discussions, hands-on activities, laboratory investigations, and inquiry projects. The goal of science education is to create a lifelong interest in science and the attitudes that will make scientifically literate citizens

### **Physical & Health Education 9**              **MPHE--09**

This course is a continuation of the concepts, theories and skill developed in PHE 8. The goal of PHE 9 is to build students' physical and emotional well-being through the promotion of active living, movement skills, fair play and leadership. Students will also develop the ability to make healthy choices with respect to their emotional and mental wellbeing, and incorporate strategies for developing positive relationships. Students will have the opportunity to engage in a variety of activities to further develop their knowledge and skills in the curricular areas of team sports, individual pursuits, cooperative games, dance, and fitness. Students will be provided with optional field trips around the local community. All students are encouraged to secure their valuables in their lockers. Appropriate PE attire is required for this class

### **Career Education 9**                              **MCE—09**

Career Education 9 builds on previous educational experiences regarding personal health and career choices. Career Education is the foundation for continued learning in Career Life Education 10. On completion of Careers 9 it is intended that you will be able to: understand the effects of your choices on yourself and others, access information and support for career choices, and understand your personal responsibility for attainment and maintenance of personal public identity in the world of work and plan for your graduation and later years of life.

### **Information Tech. 9**                              **MADIT--09**

Information Technology 9 is designed as a sampler of what each computer technology related course is about to help you make choices in the future. A deeper appreciation of the Design Cycle allows students to apply the approach to more complex software-specific design challenges. Students will be encouraged to evaluate their work at all stages and to accept design failure as a necessary step to achieve a successful design solution. Projects throughout the course will be supported by teacher-lead demonstrations, sequentially more complex assignments and student experimentation, and will focus on the same basic applications of Adobe Photoshop, Adobe Illustrator, Adobe Flash, GarageBand and iMovie and more.