GRADE 9 PROGRAMMING AT WALTER MURRAY

The main goal of Walter Murray’s Grade 9 program is to improve student transition from Grade 8 to 9 using a variation of a middle years model within a high school. We want students to feel connected to our school and their learning. The Grade 9 programming at Walter Murray has been structured so students are not overwhelmed by the physical space of our large collegiate and by the numbers of adults and students. Students are grouped into cohorts based on programming choices.

The Grade 9 program at Walter Murray is an interdisciplinary, project-based program that meets Grade 9 curricular outcomes. Teachers work collaboratively within student groupings to deliver programming reflective of all students needs. Differentiated instruction helps teachers assist all learners within a diverse classroom. Modified programming becomes an option in grade 10. We have an EAL support teacher, a resource teacher, and a literacy teacher involved in co-teaching and supporting students within our programming cohorts. In the Grade 9 compulsory courses there are varying levels of integration within the program groupings. Students will choose one or two electives depending on their programming choice.

GRADE NINE COMPULSORY CLASSES

**English Program**: English Language Arts, Social Studies, Science, Math, Arts Education, Practical and Applied Arts, Physical Education, Health and Career Education

**French Immersion Program**: Français, Sciences Humaines, Mathématiques, Science, English Language Arts, Arts Education, Practical and Applied Arts, Physical Education, Health and Career Education

For SAGE Program application process please inquire at Student Services.
GRADE 9 COURSE OUTLINE

ENGLISH LANGUAGE ARTS 09 (ELA09 / ELB09)
As students make their transition into grade 9, they will continue to exercise their abilities in listening, speaking, reading, writing, viewing and representing. Assessment will be based on student ability to compose and create, comprehend and respond, and assess and reflect. Major units of study will include: All that I Am, Indigenous and Norse Narratives, Conflicts, Issues and Choices, Exploring Loyalty, Love and Relationships, Surviving and Conquering, and Our Shared Linguistic and Cultural Roots.

MATHEMATICS 09 (MTH09)
Math 9 will be taught throughout the year as a part of the academic integration. In Math 9, students will increase their logical thinking, number sense and spatial sense through topics of study such as rational numbers, exponents, linear equations and geometry. PAA is also integrated into all Math 9.

SCIENCE 09 (SCI 09)
This course is an introduction to a vast range of scientific topics. It covers atoms, elements, and introductory chemistry; electricity, circuits, and energy production; cellular division, reproduction, and human development; space, our solar system, and the universe. These topics are studied using instructional technologies, hands-on activities, and inquiry in order to develop basic science skills, scientific habits of mind, and understanding of science’s role in our society.

SOCIAL STUDIES 09 (SOC09)
Grade 9 students will explore world views of past societies and connections between the past and the present. Students will consider how world views are shaped and how they are expressed by people living in a particular time and place. They will examine issues related to contact between societies with differing world views. Students will explore diverse sources of historical information, including oral histories, images, literature and the arts. Through this inquiry into past societies, students will reflect upon their own world views, assess the influences of the past on the present, and further develop their historical consciousness. Students will explore at least one indigenous society of North America, as well as Mesopotamia or Ancient Egypt; Ancient Greece or Rome; Aztec, Incan, or Mayan civilizations; Medieval Europe or Renaissance Europe; Ancient China or Japan.

PHYSICAL EDUCATION, HEALTH AND CAREER ED 09 (PHF09 / PHM09)
This full year, every day course integrates three areas of learning: Physical Education, Health and Career.

Physical Education 9 strives to achieve four main goals: being prepared and willing to participate, demonstrating positive relationships, being independently active and displaying skillful movement patterns. The course is designed to improve students’ abilities in all four areas through individual and team activities. An ongoing emphasis is placed on developing and improving physical fitness and encouraging positive health and wellness behaviours. As part of grade 9 student fees, each student purchases a t-shirt and shorts which are worn for each physical education class. In addition, proper running shoes are required.

Health 9 will support students in developing a strong understanding of all dimensions of health and how they relate to them now and in the future. Through participation in class activities students are given the opportunity to discuss pertinent health issues. Assignments and projects allow students the time to reflect and relate health concepts to their personal plans and goals.

Career 9 is designed to develop the competencies required for beginning work. Students investigate their own interests and strengths through the use of career software. This program also allows students the ability to navigate through possible career paths related to their current interests. Students will also complete the Young Workers Readiness Certificate, which is designed to get students ready for their first part-time job. In addition, students spend time creating and refining their resume and cover letter.

PRACTICAL AND APPLIED ARTS 09 (PAA09)
This course provides students with an opportunity to explore a variety of areas in Practical and Applied Arts (PAA). Students will develop an understanding of what goes on in technology based areas and what is required to continue further education in these exciting careers. A variety of Computerized Numerical Control (CNC) platforms are explored, including: CNC routing, CNC milling, CNC Plasma cutting, and 3D printing.

ARTS EDUCATION 09 (ART09)
Throughout the history of humanity our oldest record of our existence has been through the arts. This hands-on, experiential learning opportunity will allow students to gain a broad appreciation of the Fine Arts disciplines including music, dance, drama and visual arts. In the visual art component of the course, you will learn the language of the arts, and solve visual art problems in new ways. In the dance component, students will explore a variety of dance styles and choreographic structures. The performing art (drama) component of the course focuses on basic acting skills and theatre knowledge. The music component of the course is focused on music appreciation. The aim of the Arts 9 Survey class is to enable students to understand, appreciate, and value arts expression throughout their life. Students will learn a range of conventions, styles, techniques and creative processes as they progress through each area of study.
BAND 09 (BAN09-N)

Prerequisite: Grade 8 Band or permission from the instructor

Concert Band, which rehearses every other day, is a full year course. Students will work with an eclectic repertoire of quality music in order to develop the following skills and musical components: technique, rhythm, aural skills, interpretive concepts, and historical knowledge. Theory and music history are also part of the course study. Performances will include a fall, winter and spring concert, music festivals in and out of town, and other community performances as they arise.

There is a class fee of $80.

CHORAL 09 (CHO09-N)

Students will develop their vocal technique and learn choral repertoire from a variety of musical periods and styles. Participation at festivals and concerts is expected. This class meets before school on Mondays, Wednesdays, and Fridays at 7:45 am. Choral 09 can be taken as an eleventh class by Grade 9 students.

There is a class fee of $5.

FOODS 09 (FOO09)

Food allergies or dietary restrictions may limit a student’s ability to participate in lab-based activities.

Come and join us in this hands-on introductory class! All are welcome as we cook, bake and decorate our way through a variety of exciting and educational modules. Delicious, healthy and easy-to-make meals are always on the menu before we begin to tackle cake design in the second half of the semester. If a project-based, relaxing atmosphere is what you need, this is the class for you!

There is a class fee of $35.

FRENCH 09 (FRE09)

This course is designed to review the basics of the French language. Due to the variety of French experiences of our students, the course allows all students to experience success in the language. The emphasis is on oral communication, but accuracy in written work is also important. Communication in French is encouraged through partner and group activities and projects. Topics studied include films, rights and responsibilities, careers and consumer habits. Former French Immersion students should contact the Student Services office prior to registering in any secondary school Core French program.

TECHNOLOGY 09 SURVEY (TEC09)

This is a survey course where students rotate through four different areas including Construction and Carpentry, Electricity & Electronics, Machining, and Drafting & Computer Aided Design. Students will learn the basic concepts, safety, and the proper use of equipment in each area. A variety of projects are created for students to take home.

There is a class fee of $20.
**FRENCH IMMERSION**

**L'Immersion française à l'école secondaire.**

Bonjour! Nous sommes les jeunes en Immersion à Walter Murray. L'Immersion française est une très bonne expérience parce qu'elle peut vous aider beaucoup dans la vie. Parler deux langues est très utile dans un pays bilingue comme le nôtre. Il y a beaucoup de carrières où vous devez être bilingues. Même si vous ne voulez pas avoir d'emploi où vous utilisez le français c'est encore utile, car apprendre une deuxième langue vous fait découvrir une nouvelle culture et une nouvelle façon de vivre. Vous pouvez également voyager plus facilement.

En immersion française vous vous ferez de très bons amis avec les autres élèves parce que vous suivez deux ou trois cours chaque semaine avec eux. Nous trouvons que la transition de l'école élémentaire à l'école secondaire est plus facile grâce au fait que vous connaîtrez rapidement vos professeurs et vos camarades de classe d'Immersion. Vous ferez également des activités spéciales comme aller voir des pièces de théâtre, des concerts, des raliements et des sorties scolaires. Nous sommes très heureux et heureuses d'avoir décidé de continuer en Immersion et nous pensons que vous l'aimerez aussi.

**High School French Immersion**

Hello! We are the French Immersion students from Walter Murray Comprehensive. French Immersion is a very good experience because it can really help you in life. Being able to speak two languages is very useful in a bilingual country like ours. There are lots of careers where you need to be bilingual. Even if you don’t want a job where you use French, it is still useful because speaking a second language allows you to discover a whole new culture and way of living. It also permits you to travel more easily.

Some of the many great things about French Immersion are the teachers and our classmates. Making friends in French Immersion is easy because in each semester, we have two or three classes together. We think that being in French Immersion can make the transition from elementary school to high school a lot easier because you have very nice teachers and you are often with your friends. You also have the opportunity to participate in special activities like going to drama productions, concerts, big rallies and various school field trips. We are very glad that we chose to remain in the French Immersion program and we highly recommend that you continue in French Immersion at the High School level. “A collective creativity of the French Immersion students at WMI”

**DESCRIPTION:**

Secondary immersion is for students who have taken the program from K-8 or who have equivalent fluency. Students take three to five courses per year where French is the language of instruction. They are individually scheduled for the remainder of their time. Students who complete the program will receive a bilingual certificate.

Some information on program and course content appears immediately below. Students should also consult the separate booklet that is available on the French Immersion Program.

**GRADE NINE PROGRAMMING**

Students must take Français A and B 09 (Arts Education 09 is integrated into these two courses), Mathématiques 09 (this course extends over both semesters and Practical and Applied Arts 09 is integrated into this course), Sciences Humaines 09 and Sciences 09 in French. In addition, English Language Arts A09 or B09, Physical Education, Health and Career Education 09 must be selected.

**FRANÇAIS A 09 & ÉDUCATION ARTISTIQUE 09** (FRA09F)

Il s’agit d’un cours qui vise à consolider les connaissances des élèves de la langue et de la culture française en employant une variété d’activités et de thèmes. De plus, ce cours développe davantage les habiletés des élèves à l’écoute, à l’oral, à la lecture, et à l’écrit. L’Éducation artistique est intégrée au Français 09A. Le but de l’Éducation artistique 09 est de permettre aux élèves de comprendre, d’apprécier, et de valoriser l’expression artistique durant toute la vie. Les élèves apprendront un éventail de conventions, de styles, de techniques et de processus créatifs dans des domaines d’études de la musique, du théâtre, de la danse, et de l’art.

Français A09 consolidates the students’ knowledge of the French language and culture through a variety of activities and themes. The course is also designed to further develop the students’ listening, speaking, reading and writing skills. Arts Education 09 (please see English description on previous page) is integrated into the Français A09.

**FRANÇAIS B09 & ÉDUCATION ARTISTIQUE 09** (FRB09F)

Le Français B09 est la suite au Français A09. Il accorde toutefois une plus grande importance aux différents genres littéraires : le roman, la poésie et le discours informatif. L’intégration de l’Éducation artistique se poursuit dans le Français B09.

This course is a continuation of Français A09 & Éducation artistique 09. In Français B09, there is however a greater emphasis placed on the different literary genres: the novel, poetry and informative writing. Arts Education 09 (please see English description on previous page) is integrated into Français B09.

**SCIENCES HUMAINES 09** (HUM09)


Sciences humaines 09 is the French version of Social Studies 09. For a description of this course in English, please see the previous page.

**MATHÉMATIQUES 09** (MTH09FX—MTH09FZ)

Les Mathématiques 09 s’enseignent lors des deux semestres. Ce cours comprend: les entiers, l’ordre des opérations, les poly- nomes, les équations, la résolution de problèmes, le sens, et le lien entre les nombres, la géométrie, la mesure, et les statistiques (l’analyse de données.). Les Arts appliqués et pratiques 09 sont intégrés aux Mathématiques 09.

Mathématiques 09 is taught over the two semesters. It focuses on integers, order of operations, polynomials, equations and inequalities, solving word problems, ratios, rates, geometry, measurement and statistics. Practical and Applied Arts 09 is integrated into Mathématiques 09.

**SCIENCES 09** (SCI09F)

Ce cours entame les thèmes suivants: les techniques au labo, la matière, la reproduction des plantes et des êtres humains, les caractéristiques de l’électricité et l’exploration de notre univers. L’attente est que les élèves acquerront la capacité des procédures au labo et l’analyse des données. This course concentrates on lab techniques, matter, graphing, chemistry, risks and limits, electricity and the environment. Students are expected to gain skills in laboratory procedures and data analysis.