

BANTING MEMORIAL HIGH SCHOOL

GRADE 9

School Program and Course Calendar



2021 – 2022

203 Victoria Street, East
Alliston, Ontario
L9R 1G5

Principal: Nanci Arnold Sallows
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<http://ban.scdsb.on.ca>

HIGH SCHOOL PLANNER

Grade 9 Year 1 8 credits	Grade 10 Year 2 8 credits	Grade 11 Year 3 8 credits	Grade 12 Year 4 6 credits	Year 5
Choose Academic, Applied, Locally Developed, or Open Courses	Choose Academic, Applied, Locally Developed, or Open Courses	Choose College, University/College, University, Workplace or Open Courses	Choose College, University/College, University, Workplace or Open Courses	If needed, complete required courses for graduation.
English	English	English	English	
Math	Math	Math		
Science	Science			
Geography	History			
French	Civics & Careers			
Arts (recommended in grade 9)				
Optional Course				
Optional Course				30 credits needed for an OSS Diploma

The 18 compulsory course requirements are in the grey shaded areas.
The 12 optional credit requirements are in white.

Within these choices, students must have one more credit from each of the following 3 groups:

- ✓ **Group 1**– 1 additional credit in English, or French as a second language or a Native language or a classical or an international language or social sciences and humanities or Canadian and world studies or guidance and career education, or cooperative education
- ✓ **Group 2**– 1 additional credit in health and physical education, or the arts, or business studies, or French as a second language, or cooperative education
- ✓ **Group 3**– 1 additional credit in science (grade 11 or 12), or technological education (Grade 9-12), or French as a second language, or computer studies, or cooperative education

***A maximum of 2 of the 3 additional compulsory credit requirements for groups 1, 2 and 3 may be met with credits earned through Cooperative Education.**

The Grade 10 **Ontario Secondary School Literacy Test** will be conducted once each year. Students who are successful on their first attempt have this OSSD requirement satisfied. Students who are unsuccessful will be allowed to take the test again after receiving some remedial assistance.

The 40 hours of **Community Involvement** activities may be completed at any time during a student's secondary school years, and may be started in the summer prior to grade 9. The requirement is to be completed outside the student's normal instructional hours. Students, in collaboration with their parents, will decide how they will complete the community involvement requirement; however, at Banting, we strongly encourage our students to complete a minimum of 20 hours in their grade 9 year.

Secondary School Program and Course Calendar

The SCDSB's Secondary School Common Calendar provides parents and students with detailed, accurate, and up-to-date information about diploma requirements, as well as general information on school programs and courses offered. Additionally, the calendar provides information on county-wide programs, Specialist High School Majors, school-based supports and Student Success initiatives.

To access the SCDSB's Secondary School Common Calendar and the Banting M.H.S. Condensed Calendar please follow these links:

- www.scdsb.on.ca
- **Students**
- **Secondary Program Info (on the right sidebar)**

Also...to view Banting's school specific information and full Course Calendar, follow the

<http://bantingguidance.weebly.com/course-selection.html>

BANTING PHILOSOPHY

Banting Memorial High School is a large vibrant school with a wide variety of curricular and extra-curricular programs. We value the worth of an individual by providing a safe and caring environment where each student can realize his or her personal potential and become a responsible citizen. Our long-time Latin Motto,

“QUAECUMQUE OPTIMA” – Whatsoever Things are Best,

issues the challenge for all students to constantly strive for excellence within the walls of Banting and beyond.



Parent involvement is positively associated with children's achievement and attitude toward learning. Through ongoing parent-teacher partnerships, both in the classroom and on various committees, we can work together to meet the needs of our youth. School and community interaction is critically important and becomes more complex as students are required to be better prepared for the world of work.

The administration and staff at Banting are committed to your success.

We hope that you will have a successful year and that all your goals, academic and personal, are reached.

THE GRADE 9 PROGRAM

Students in Grade 9 in all Simcoe County District School Board secondary schools will take the following subjects, each worth one(1) credit:

English,
French,
Geography,

Mathematics,
Science

Students will also select three additional Grade 9 credits from among those offered by the school.

THE GRADE 9 FRENCH IMMERSION PROGRAM

We welcome the students in the French Immersion Program as it moves into the secondary level. Students in the grade 9 French Immersion will take the following subjects, each worth one(1) credit:

English,
French Immersion
Géographie du Canada
Éducation physique et à la santé(Small Group Activities PE)

Mathematics
Science
Arts intégrés (Integrated Arts)

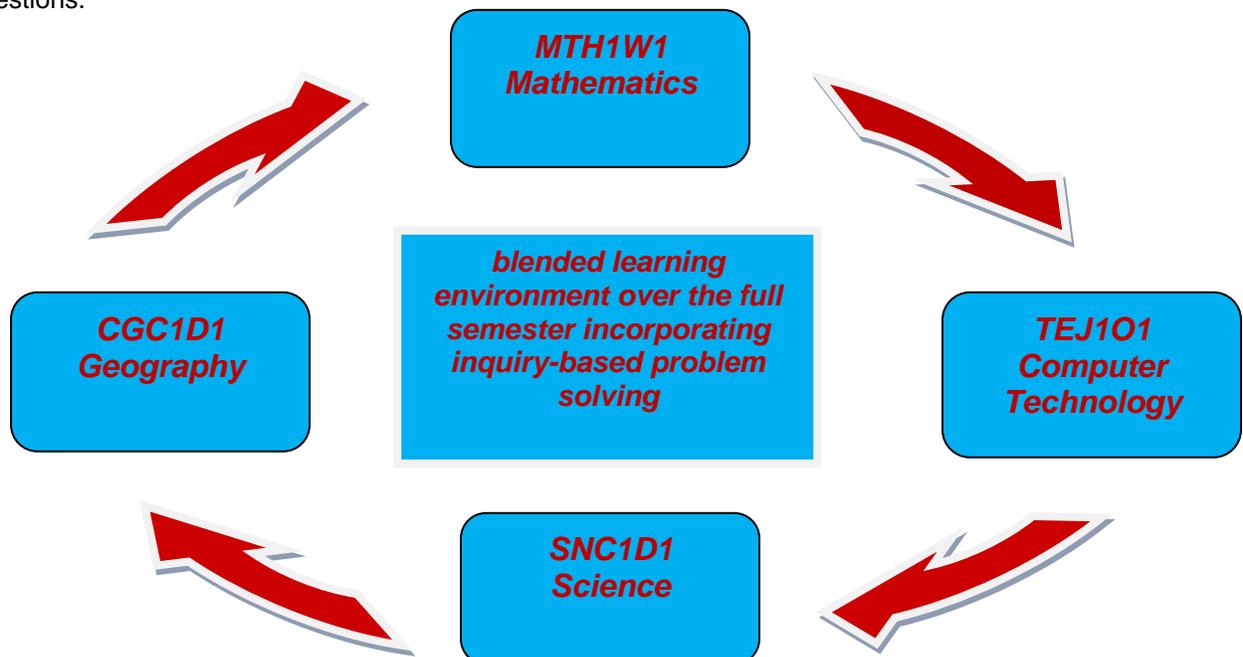
Students will also select one(1) additional grade 9 credit from among those offered by the school

The Marauder STEAM Project

The Marauder STEAM Project is an initiative offering unique curriculum programming that allows Grade 9 and 10 students the opportunity to acquire deep learning experiences through critical thinking and problem-solving skills. This new program is based on the idea of educating students in four specific disciplines in an interdisciplinary and applied approach. Rather than learn the four disciplines as separate subjects, the Marauder Project integrates them into a cohesive learning paradigm based on real-world applications. In collaboration with their teachers and fellow classmates, students will discover and explore methods that can be applied to everyday life. It offers meaningful learning experiences which focuses on the real-world applications of problem solving.

Students interested in this initiative will take Math, Science (SNC1D), Geography (CGC1D) and Computer Technology (TEJ1O) as a four(4) credit package in one semester.

All interested candidates should complete the [google form](#) and **select the Marauders STEAM Project as one of their electives**. Please contact Mrs. Iafrate at riafrate@scdsb.on.ca or (705)435-6288 ext. 40154 if you have any questions.



COMPULSORY COURSES

English

ENG1D1: English, Academic

This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12.

ENG1P1: English, Applied

This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college or workplace preparation courses in Grades 11 and 12.

ENG1LL: English, Locally Developed

This course emphasizes key reading, writing, oral communication, and thinking skills that students need for success in secondary school and their daily lives. In particular, the program works towards preparing students to enter the Grade 11 Workplace preparation course in English, and to complete the Grade 10 Test of Reading and Writing skills successfully. Students may also use this course to strengthen skills toward pursuing English at the grade 9 applied level. Students read a variety of narrative and expository forms, poetry and drama and practice the skills necessary for clear and accurate spoken and written language. In particular, course activities will help develop confidence and self-esteem and provide motivation to succeed in school and life.

French

FSF1D1: Core French, Academic

This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will continue to develop language knowledge and skills by using language-learning strategies introduced in the elementary Core French program, and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop the skills necessary to become life-long language learners.

Prerequisite: Minimum of 600 hours of elementary Core French instruction, or equivalent

FIF1DU: French Immersion, Academic

This course provides opportunities for students to speak and interact in French independently in a variety of real-life and personally relevant contexts. Students will develop their skills in listening, speaking, reading, and writing, as well their ability to communicate in French with confidence, by using language learning strategies introduced in the elementary French Immersion program. Students will enhance their knowledge of the French language through the study of French-Canadian literature. They will also increase their understanding and appreciation of diverse French-speaking communities and will develop skills necessary for lifelong language learning.

Prerequisite: Minimum of 3600 hours of French instruction or equivalent

Note: Students in the Grade 9 French Immersion program will also take CGC1D/PU- Geographie du Canada and two(2) French immersion electives

FSF1P1: Core French, Applied

This course provides opportunities for students to communicate and interact in French in structured situations on everyday topics and to apply their knowledge of French in everyday situations. Students will continue to develop language knowledge and skills introduced in the elementary Core French program, through practical applications and concrete examples, and will use creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop the skills necessary to become life-long language learners.

Prerequisite: Minimum of 600 hours of elementary Core French instruction, or equivalent

FIF1PU: French Immersion, Applied

This course provides opportunities for students to communicate and exchange information in French in a variety of real-life situations, with support as appropriate. Students will develop the key listening, speaking, reading, and writing skills introduced in the elementary French Immersion program. They will also increase their understanding and appreciation of diverse French-speaking communities and will develop skills necessary for lifelong language learning.

Prerequisite: Minimum of 3800 hours of French instruction, or equivalent

Note: Students in the Grade 9 French Immersion program will also take CGC1D/PU- Geographie du Canada and two(2) French immersion electives

FSF14L: French, Locally Developed

This course builds on students' previous exposure with French language knowledge. Students will develop the ability to express daily needs, acquire basic conversation skills and vocabulary, and use simple sentence patterns orally and in writing. Students will also explore cultural components (media, sports, celebrations etc.) of "La Francophonie" and compare them with their own lives and Canadian culture.

Geography

CGC1D1: Issues in Geography, Academic

This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place to live.

CGC1DU: Geographie du Canada, Academic=-French Immersion

See the course descriptor for CGC1D1. *Note: Students in the Grade 9 French Immersion program will also take FIF1DU or FIF1PU and two(2) French immersion electives*

CGC1P1: Issues in Geography, Applied

This course focuses on current geographic issues that affect Canadians. Students will draw on their personal and everyday experiences as they explore a range of issues, including food and water supplies, competing land uses, and interactions with the natural environment, developing their awareness that issues that affect their lives are interconnected with issues in other parts of the world. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate choices related to sustainable living in Canada

CGC1PU: Geographie du Canada, Applied-French Immersion

See the course descriptor for CGC1P1. *Note: Students in the Grade 9 French Immersion Program will also take FIF1DU or FIF1PU and two(2) French Immersion electives.*

Mathematics

MTH1W1: Mathematics, Grade 9

This course enables students to consolidate, and continue to develop, an understanding of mathematical concepts related to number sense and operations, algebra, measurement, geometry, data, probability, and financial literacy. Students will use mathematical processes, mathematical modelling, and coding to make sense of the mathematics they are learning and to apply their understanding to culturally responsive and relevant real-world situations. Students will continue to enhance their mathematical reasoning skills, including proportional reasoning, spatial reasoning, and algebraic reasoning, as they solve problems and communicate their thinking.

MAT1LL: Mathematics, Locally Developed

This course provides students who have experienced significant difficulties in previous mathematics courses an opportunity to obtain sufficient background and skill development to prepare them for Grade 11 and 12 workplace preparation courses. Whenever possible, ideas will be presented in a real-life context, providing students with opportunity to explore, organize, interpret, and use mathematical models to solve problems. Technology and manipulative materials will be used wherever appropriate. Assessment and evaluation will be done using a wide variety of strategies.

Note: This course is recommended for any student that has struggled with concepts and confidence up to and including grade eight.

Science

SNC1D1: Science, Academic

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.

SNC1P1: Science, Applied

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.

SNC1LL: Science, Locally Developed

This course enables students to deepen their knowledge and understanding of the basic concepts in biology, chemistry, earth and space science, and physics; develop practical skills in science investigation and to apply their knowledge and skills to everyday situations. Students conduct investigations into practical problems and issues related to cells and reproduction; the structure and properties of elements and compounds; static and current electricity; and astronomy and space exploration. A variety of hands-on activities assist students to acquire concepts. Students will use different reporting strategies to facilitate the development of communications skills.

OPTIONAL COURSES

The Arts

ADA101: Drama, Open

This course provides opportunities for students to explore dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

AMI101: Instrumental Music, Band, Open

Would you like to learn how to play a band instrument, or do you already have some musical experience?

This course gives you beginning instruction along with the study of theory, listening and creative exercises.

This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music, and will develop a variety of skills transferable to other areas of their life.

AMV101: Vocal/Choral Music, Open

Everyone can sing! This course helps you make the most of your voice and serves as an introduction to all vocal courses offered in the school. While learning reading and music listening skills, the emphasis is on developing confidence using your voice and singing with others in a choral setting

This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music, and will develop a variety of skills transferable to other areas of their life.

AVI101 : Visual Arts, Open

This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context.

ALC10U: Arts intégrés, Overt- French Immersion

This course integrates two or more of the arts (dance, drama, media arts, music, and visual arts), giving students the opportunity to produce and present integrated art works created individually or collaboratively. Students will demonstrate innovation as they learn and apply concepts, styles, and conventions unique to the various arts and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to integrated arts challenges.

Note: Students in the Grade 9 French Immersion Program will take FIF1D/PU, CGC1D/PU and two(2) French Immersion electives

AWS101: Digital Media, Open

With a focus on digital media (e.g. computer graphics, digital camera, scanner), this course offers an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various mediums through working with processes, techniques, and styles. Students will learn and use methods of analysis and criticism and characteristics of art.

Business Studies

BTT101: Information and Communication Technology in Business, Open

This course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills. Throughout the course, there is emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology.

Health and Physical Education

PPL10F (female) PPL10M: (male): Healthy Active Living Education, Open

This course equips students with the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

PAI10U: Éducation physique et à la santé, Overt (CoEd)-French Immersion

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. This course will develop skills and focus on a variety of individual, dual, and small group activities, such as snowshoeing, orienteering, cycling, yoga, hiking, skiing and camping.

Note: Students in the Grade 9 French Immersion Program will take FIF1D/PU, CGC1D/PU and two(2) French Immersion electives.

Languages

LVLBD1: Latin, Classical Language, Academic

This course introduces students to the achievements of the Classical world through the study of Latin. Students will learn vocabulary and grammar essential for reading and translating adapted Classical texts. Although English is the language of instruction, students will develop language skills that will enable them to speak and read aloud in the Classical language at a beginner's level. Through a variety of activities, students will explore such aspects of life in the ancient world as trade, commerce, education, entertainment, and social customs. In addition, students will enhance their literacy skills through language study, and will make connections across the curriculum between the Classical world and the world around them.

Social Sciences and Humanities

HIF101: Exploring Family Studies, Open

This course explores, within the context of families, some of the fundamental challenges people face: how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will explore adolescent development and will have opportunities to develop interpersonal, decision-making, and practical skills related to daily life. They will learn about the diverse ways in which families function in Canada and will use research skills as they explore topics related to individual and family needs and resources.

Technological Education

TIJ101: Exploring Technologies-Construction, Manufacturing and Transportation Technology: Open

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools and equipment used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields.

Emphasis: This course is hands-on, project based learning, using construction and manufacturing techniques. Students will have the opportunity to use a variety of different tools and machines in the construction and industrial sectors

TEJ101: Exploring Computer Technology: Open

This exploratory course introduces students to concepts and skills in computer technology, which encompasses computer systems, networking, interfacing, and programming, as well as electronics and robotics. Students will develop an awareness of related environmental and societal issues, and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Emphasis: Basic electronic components such as resistors, transistors, capacitors, LED's, and motors will be introduced in this course. Students will learn the basics in wiring series and parallel circuits along with controlling those circuits with programmable computer chips (Arduino's). Basic computer language through Processing and C++ Arduino will be used to code the computers

TGJ101: Exploring Communications Technology: Open

This exploratory course introduces students to concepts and skills in communications technology, which encompasses television/video and movie production, radio and audio production, print and graphic communications, photography, and interactive new media and animation. Students will develop an awareness of related environmental and societal issues, and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Emphasis: Students will learn how to use the latest video/360 and DSLR cameras as well as audio mixers and microphones to prepare content. In addition, students may produce content for the "The Banting Video Billboard" Marauder TV and work on live sport productions at lunch and after school. Students will also produce content for Ban_Width, the school internet radio station and create pages for the Yearbook using photography and graphic layout skills.

TDJ101: Exploring Technological Design: Open

This exploratory course introduces students to concepts and skills related to technological design, which involves the development of solutions to various design challenges and the fabrication of models or prototypes of those solutions. Students will develop an awareness of related environmental and societal issues, and will begin to explore secondary and postsecondary pathways leading to careers in the field.

Emphasis: Students will use CAD, drawings, illustration and model building to solve design problems related to interior design, architecture and engineering design.