

Grade 9 Course Calendar

For a quick and easy access to all Grade 9 courses offered, please click the bookmarks tab to the left of your screen. Then select a subject and the corresponding courses will appear.

ARTS

DRAMATIC ARTS

ADA 10 **Dramatic Arts - Open** **1 credit**

This course emphasizes the active exploration of dramatic forms and techniques, using material from a wide range of authors, genres, and cultures. Students will construct, discuss, perform, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

GENERAL ARTS

ALC 10 **Comprehensive Arts - Open** **1 credit**

This course integrates three or more of the arts (dance, dramatic arts, music, and visual arts) and examines the similarities and differences among these subjects. Students will learn specialized arts vocabulary while investigating traditional concepts, stylistic elements, and principles unique to the various arts, as well as applications of new technologies.

MUSIC

AMU 10 **Music - Open** **1 credit**

This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use.

Music Focus Courses:

AMI 10 **Instrumental Music (Band) -**
Open **1 credit**

This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use.

This focus course in Instrumental Music (Band) will provide students with opportunities to learn to play a wind, brass or percussion instrument. Students will also have the opportunity to learn to develop good tone quality, projection and intonation, to read, perform and appreciate music, and to study music theory, history and analysis.

ARTS

AMM 10 **Music and Computers -**
Open **1 credit**

This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use.

This focus course in Music and Computers will develop practical skills in orchestration, arrangement and composition through the following media: Midi, the electronic keyboard and the computer. Students will also have the opportunity to learn to mix, sequence and perform music through digital media and to use equipment materials and tools safely.

AMR 10 **Music - Repertoire**
Open **1 credit**

This course emphasizes performance of music at an intermediate level that strikes a balance between challenge and skill. Student learning will include participating in creative activities and listening perceptively. Students will also be required to develop a thorough understanding of the language of music, including the elements, terminology, and history.

This focus course in Music Repertoire will provide students with the opportunity to learn an extensive repertoire for their instrument or voice. Students will also be provided with the opportunity to learn sight reading, presentation, and performance skills as well as various styles through listening, and analysing selected works.

AMS 10 **Instrumental Music (Strings) -**
Open **1 credit**

This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use.

This focus course in Instrumental Music (Strings) will provide students with the opportunity to learn to play a string (violin, viola, cello or bass) instrument. Students will also have the opportunity to learn to develop good tone quality, projection and intonation, to read, perform and appreciate music, and to study music theory, history and analysis.

ARTS

AMV 10 **Music (Vocal/Choral) - Open** **1 credit**

This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use.

This focus course in Vocal Music will provide students with the opportunity to learn vocal music skills in intonation, part singing, diction, projection, breath control and tone quality. Students will also have the opportunity to learn to read, perform and appreciate music as well as to study basic theory, history and analysis.

DANCE

ATC 10 **Dance - Open** **1 credit**

This course emphasizes the basic movements of one or more world dance forms, and the scientific and safety principles related to dance. Students will create movement vocabulary for dance compositions, express themselves through movement, and investigate the historical and cultural development of dance. They will also learn about creative influences on dances and choreographers, and the role of criticism in the art of dance.

VISUAL ARTS

AVI 10 **Visual Arts - Open** **1 credit**

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 materials through working with a range of materials, processes, techniques, and styles. They will learn and use methods of analysis and criticism and will study the characteristics of particular historical art periods and a selection of Canadian art and the art of other cultures.

BUSINESS STUDIES

BBI 10 **Introduction to Business - Open** **1 credit**

This course introduces students to the world of business. Students will develop an understanding of the functions of business, including accounting, marketing, information technology, human resources, and production, and of the importance of ethics and social responsibility. This course builds a foundation for further studies in business and helps students develop the business knowledge and skills they will need in their everyday lives.

BTT 10 **Information and Communication Technology in Business - Open** **1 credit**

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 an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology.

CANADIAN AND WORLD STUDIES

CGC 1D **Geography of Canada - Academic** **1 credit**

This course explores Canada's distinct and changing character and the geographic systems and relationships that shape it. Students will investigate the interactions of natural and human systems within Canada, as well as Canada's economic, cultural, and environmental connections to other countries. Students will use a variety of geotechnologies and inquiry and communication methods to analyse and evaluate geographic issues and present their findings.

This course may be offered in French as part of the Extended French program. See page 15 for more details.

CGC 1P **Geography of Canada - Applied** **1 credit**

This course focuses on geographic issues that affect Canadians today. Students will draw on personal and everyday experiences to learn about Canada's distinct and changing character and the natural and human systems and global influences that shape the country. Students will use a variety of geotechnologies and inquiry and communication methods to examine practical geographic questions and communicate their findings.

ENGLISH

ENG 1L **English** **1 credit**
Locally Developed Compulsory Course

This course emphasizes the key reading, writing, oral communication and thinking skills students need for success in secondary school and in their daily lives. In particular, the program works toward preparing students to enter the Grade 11 course in English-Workplace Preparation and to complete the literacy test successfully. Students read a variety of narrative and expository forms, poetry, and drama and practise 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.

ENG 1D **English - Academic** **1 credit**

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.

ENG 1P **English - Applied** **1 credit**

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.

For English as a Second Language Course Descriptions, please see page 68.

FRENCH

FEF 1D **Extended French - Academic** **1 credit**

This course emphasizes the expansion of students' oral communication, reading, and writing skills through the study of themes that reflect their interests. Students will apply their knowledge of French in discussions, debates, dramatizations, and oral presentations. Students will read and write in a variety of genres (e.g., poems, articles, brochures) and study at least one short novel intended for a French-speaking audience.

For more information regarding the Extended French program see page 15.

FSF 1D **Core French - Academic** **1 credit**

This course emphasizes the further development of oral communication, reading, and writing skills. Students will build on and apply their knowledge of French while exploring a variety of themes, such as relationships, trends, and careers. Thematic readings, which include a selection of short stories, articles, and poems, will serve as stepping stones to oral and written activities.

FSF 1P **Core French - Applied** **1 credit**

This course emphasizes the further development of oral communications skills, using the theme of media. The development of oral communication skills will be integrated with the development of reading and writing skills. Students will expand their ability to understand and speak French through conversations, discussions, and presentations. They will also read media-related short stories, articles, poems, and songs and write brief descriptions, letters, dialogues, and invitations.

GUIDANCE AND CAREER EDUCATION

**GLS 10/
GLE 10*** **Learning Strategies 1:
Skills for Success in
Secondary School - Open** **1 credit**

This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond.

* This version of the Learning Strategies course (GLE 10) is only available to students who have an IEP, with Principal recommendation only.

HEALTH AND PHYSICAL EDUCATION

PPL 10 **Healthy Active Living Education - Open** **1 credit**

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement skills and principles, ways to improve personal fitness and physical competence, and safety and injury prevention. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs, and will participate in activities designed to develop goal-setting, communication, and social skills.

Area of Focus:

The learning expectations of Healthy Active Living Education (PPL 10) course outline the knowledge, skills and health areas that students are expected to demonstrate by the end of each course. Schools may offer focus-courses options for a particular group of physical activities as the vehicle through which students will attain the expectations. Possible focus options are listed below. **Students may select any number of Focus Options at the same grade level each year.**

PAF 10 **Personal and Fitness Activities** **1 credit**

This course emphasizes regular participation in a variety of enjoyable fitness activities that promote life-long healthy active living. Student learning will include the application of movement principles to refine their skills, participation in a variety of fitness activities (e.g. aerobics, weight training, jazzercise, self-defense etc) that enhance personal competence and health, and examination of issues related to healthy living. Reference should be made to the Healthy Active Living Education open course description for Grade 9 health curriculum expectations.

PAL 10 **Large Group Activities** **1 credit**

This course emphasizes regular participation in a variety of enjoyable large group activities that promote life-long healthy active living. Student learning will include the application of movement principles to refine their skills, participation in a variety of large group/team sport activities (e.g. soccer, field-lacrosse, rugby, ultimate Frisbee) that enhance personal competence, fitness and health and the examination of issues related to healthy living. Reference should be made to the course description for Grade 9 for health areas of study.

MATHEMATICS

MAT 1L **Mathematics** **1 credit**
Locally Developed Compulsory Course

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 the 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.

MFM 1P **Foundations of Mathematics - Applied** **1 credit**

This course enables students to develop understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relationships, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Successful completion of this course prepares students for Foundations of Mathematics, Grade 10, Applied (MFM2P). (*Note: Students who wish to take Principles of Mathematics, Grade 10, Academic [MPM2D] after completing this course will need to take a transfer course.*) Learning through hands-on activities and the use of concrete examples is an important aspect of this course.

MPM 1D **Principles of Mathematics - Academic** **1 credit**

This course enables students to develop understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a relationship. They will also explore relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multistep problems.

Successful completion of this course prepares students for Principles of Mathematics, Grade 10, Academic (MPM2D) or Foundations of Mathematics, Grade 10, Applied (MFM2P). Learning through abstract reasoning is an important aspect of this course.

NATIVE STUDIES

NAC 10 Expressing Aboriginal Cultures - 1 credit **Open**

This course examines Aboriginal cultures in Canada through an exploration of art forms - painting, sculpture, storytelling, dance, and music. - created by Aboriginal artists. Students will learn to identify Aboriginal art forms and describe relationships between the art forms and Aboriginal traditions, philosophy, and culture. Students will also create their own art forms to express their understanding of Aboriginal identity, relationships, and sovereignty.

SCIENCE

SNC 1L Science 1 credit **Locally Developed Compulsory Course**

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace and in the Grade 11 Science Workplace Preparation course. Students explore a range of topics including science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.

SNC 1D Science - Academic 1 credit

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.

This course may be offered in French as part of the Extended French program. See page 15 for more details.

SCIENCE

SNC 1P Science - Applied 1 credit

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.

SOCIAL SCIENCE AND THE HUMANITIES

HIF 10 Individual and Family Living - 1 credit **Open**

This course explores the challenges faced by all people: how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will acquire knowledge and skills that are needed to make the transition to adulthood. Teachers will instruct students in developing interpersonal, decision-making, and practical skills related to daily life. Students will explore the functioning of families and the diversities found among families and within society.

HFN 10 Food and Nutrition - Open 1 credit

This course explores the factors that affect attitudes and decisions about food, examines current issues of body image and food marketing, and is grounded in the scientific study of nutrition. Students will learn how to make informed food choices and how to prepare foods, and will investigate our Canadian food heritage and food industries, as well as global food issues. The course also introduces students to research skills related to food and nutrition.



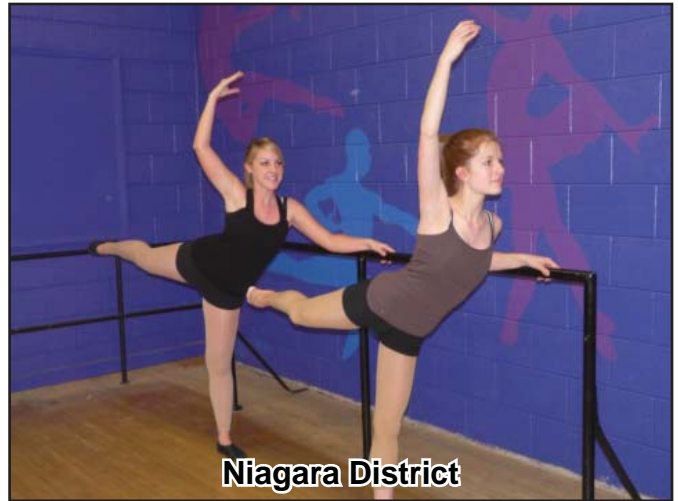
TECHNOLOGICAL EDUCATION

TIJ 10 Exploring Technologies - Open 1 credit

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, equipment, and software commonly 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.



Laura Secord



Niagara District



Sir Winston Churchill



Beamsville



West Park