



***Beaver Brae  
Secondary  
School***

**2021-2022  
Course Calendar  
Grade 9**

1400 Ninth Street North  
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## Course Selection Resources

### Beaver Brae Secondary School Website

Please visit our website for the most up-to-date information about events at Beaver Brae. You may also follow us on Facebook and Twitter. <http://beaverbrae.kpdsb.on.ca>

### myBlueprint

myBlueprint is a multi-purpose program that students will use to complete course options. It also is the primary tool for students to explore, research, document and reflect on experiences that help determine career and life plans. The Individual Pathway Plan (IPP) allows each student to document and revise their own plan as necessary. Students can access the program using their KPDSB Student shortcut folder and select the myBlueprint icon, or visit [www.myblueprint.ca/kpdsb](http://www.myblueprint.ca/kpdsb) and manually enter their KPDSB username and password.

### Draft Your Future Guide

The Grade 9 Guide, Draft Your Future offers support for all Grade 8 KPDSB students and families as students transition into high school. [www.kpdsbpathways.ca/grade9guide](http://www.kpdsbpathways.ca/grade9guide)

### KPDSB Pathways Website

When considering course selections, please refer to the KPDSB Pathways website to access information about different pathways and program opportunities. [www.kpdsbpathways.ca](http://www.kpdsbpathways.ca)

### Ontario Ministry of Education

Visit <http://edu.gov.on.ca/eng/document/curricul/secondary/descript/descri9e.pdf> for all Ministry course descriptions.

# GRADE 9 COURSE OPTIONS & DESCRIPTIONS

*(IN ALPHABETICAL ORDER BY DEPARTMENT)*

## **ART**

### **ADA10 – Dramatic Arts, Grade 9, 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.

### **AMU10 – Instrumental Music, Grade 9, Open**

This course offers students a chance to learn to play, or further their studies on any of the concert band instruments. This includes understanding how their instrument works, and how to use good technique and practice habits to achieve their best results. Students will strengthen their skills through solo work and daily practice, and experience the teamwork of ensemble playing. Students will learn basic music theory, music elements, and history, as it ties in with the music they are playing.

### **AMV10 – Vocal/Choral Music, Grade 9, Open**

This course introduces students to singing while having opportunities for large group, small group and solo singing. It emphasizes singing at a level that strikes a balance between challenge and skill, and is aimed at developing technique, imagination, and confidence. Students will learn a wide variety of music, teaching them to listen with understanding. They will also learn music theory at a level that supports their singing.

### **AVI10 – Visual Arts, Grade 9, 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. They will learn and use methods of analysis and critiquing while studying the characteristics of their own creations and selected art pieces from historical or cultural collections.

## **CANADIAN AND WORLD STUDIES**

### **CGC1D – Issues in Canadian Geography, Grade 9, Academic**

This course will help students build a foundation of geographic knowledge about Canada by examining the 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 of student interest, beginning in the Lake of the Woods region before moving elsewhere. 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 in which to live.

*\*Also run as CGC1DF – Extended French Geography in 2022/2023*

### **CGC1P – Issues in Canadian Geography, Grade 9, Applied**

This course focuses on current geographic issues that affect Canadians. Students will draw on their personal and everyday experiences as they explore issues relating to food and water supplies, competing land uses, interactions with the natural environment, and other topics relevant to sustainable living in Canada. They will also develop an awareness that issues that affect their lives in Canada are interconnected with issues in other parts of the world. Throughout the course, students will use the concepts of geographic thinking, the geographic inquiry process, and spatial technologies to guide and support their investigations.

## **ENGLISH**

### **ENG1D – English, Grade 9, 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.

### **ENG1P – English, Grade 9, 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.

### **ENG1L – English, Grade 9, Locally Developed**

This course will provide foundational literacy and communication skills to prepare students for success in their daily lives and in the workplace. The course is organized by strands that develop listening and speaking skills, reading and viewing skills, and writing skills. In all strands, the focus will be on developing foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students will develop strategies and put into practice the processes involved in speaking, listening, reading, viewing, writing, and thinking, and will reflect regularly upon their growth in these areas.

### **LAND-BASED BUNDLED LEARNING Grade 9**

This bundled credit program focuses on cultural activities for youth. One of the most important components of mino-bimaadiziwin (living the good life) is healing and restoring relationships, especially with the Aki (land). This is an inclusive program open to all grade 9 students. Anishinabe culture will be the guiding compass, however the goal is to create an alternative learning environment that will help students achieve success. Students will learn self-regulation, perseverance, courage, responsibility, discipline and critical thinking skills through developing (and maintaining) a relationship with the land. Students may be with the same group of students and have the same teacher. If students are successful, they will earn compulsory credits that may include Anishinaabemowin and Outdoor Education.

*Prerequisite: Teacher/Parent discussion must take place prior to enrolment.*

## **SECOND LANGUAGES**

### **LNOAO – Anishinaabemowin I, Grade 9, Open**

*This course meets the requirement for a compulsory second language credit.*

Anishinaabemowin I is open to all students at any level of learning the Ojibwe language. Students in the course explore language learning through reading and writing with heavy emphasis on oral communication. Students will learn how the language operates grammatically in order to become increasingly adept at speaking. The use of Anishinaabemowin will be reinforced with daily practice, use of basic phrases and vocabulary, and assessments. Students will be taught how to use current language technologies to support their learning. Students will be guided heavily by the instructor using common immersion methodologies adapted for language learners in order to create appropriate language practices that will inform their learning into the future.

### **FSF1D – Core French, Grade 9, Academic**

This course provides opportunities for students to communicate and interact in French with increasing independence. 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. Students will explore various French cultures from around the world and celebrate “la francophonie”. In doing so, they will develop the skills necessary to become life-long language learners.

### **FSF1P – Core French, Grade 9, Applied**

This course provides opportunities for students to communicate and interact in French in structured 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. Students will explore various French cultures from around the world and celebrate “la francophonie”. In doing so, they will develop the skills necessary to become life-long language learners.

### **FSF1O – Core French, Grade 9, Open**

Salut! This course provides opportunities for students to communicate and interact in French for those students who do not meet the necessary prerequisite hours in French. Students will develop basic 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. Students will explore various French cultures from around the world and celebrate “la francophonie”. In doing so, they will develop the skills necessary to become life-long language learners.

## **MATHEMATICS**

### **MTH1W – 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.

### **MAT1L – Mathematics, Grade 9, Locally Developed**

This course develops math knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the MAT2L course. The course is organized in three strands: money sense, measurement, and proportional reasoning. The course chapters cover earning money, spending and budgets, measuring in home decorating, cooking, and sports and leisure while building on mental math confidence. Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

## **PHYSICAL EDUCATION AND HEALTH**

### **PAF1O – Personal Fitness, Grade 9, Open (Power Fit [co-ed] and Live Fit [female only])**

This is a **participation** course for both females and males looking to improve their personal fitness as it relates to athletics or general health. The focus of the course will be on weight training, circuit training, nutrition, conditioning and personal fitness. This course appeals to individuals wanting to improve personal fitness level for themselves or a specific sport.

Indicate in myBlueprint’s comments section of course submission whether Power Fit or Live Fit.

### **PAL10 - Hockey Academy, Grade 9-12, Open**

The Beaver Brae Hockey Canada Skills Academy is designed to challenge and inspire all students who participate. It is a complete program that includes education, on-ice skills, off-ice strength and conditioning, mental training, and personal and team development. On-ice sessions include hockey fundamentals such as skating, puck handling, checking, passing, and tactics. When students are not on ice they are exposed to sport specific fitness training, floorball, stick handling and shooting.

### **PPL10 – Healthy Active Living, Grade 9, Open**

Through **participation** in a wide range of physical activities, both team and individual, students develop knowledge and skills related to movement and personal fitness that provide a foundation for active living. Students will also get a better understanding of the factors and skills that contribute to a healthy lifestyle and positive relationships. This course appeals to individuals who like to be active through team sports.

*\*Grade 9 Physical Education is also run as PPL10F – Extended French (EF)*

## **SCIENCE**

### **SNC1D – Science, Grade 9, Academic**

This course provides important basic theory in four key divisions of science: Chemistry, Ecology, Electricity and Astronomy. In the Chemistry Unit, students learn about the organization of the periodic table of elements, physical and chemical properties of these elements, and the properties and reactions of simple compounds. The effects of human-made chemicals on health and the environment is also examined. The Biology Unit starts with a basic understanding of ecosystem structure, both aquatic and terrestrial and the balance that exists between the components. How human activity affects the sustainability of ecosystems and the impact of degrading these systems is also studied. The Astronomy Unit examines the properties of celestial objects starting in the solar system and moving out to the universe. A key component of examining these celestial objects is the study of the theories that underlie their creation, position and motion. The instrumentation used to study celestial objects is also covered in this unit. The Physics Unit introduces students to the basic laws of electricity, both static and current, and applications of each type. Students will build simple circuits to test some of the fundamental principles and relationships between current, resistance, and voltage. A detailed investigation into electricity generation is carried out and, finally, the cost-benefit analyses of renewable and non-renewable energy sources are studied with emphasis placed on reducing the amount of energy used. In each unit, connections to real-life situations as well as career options are explored.

### **SNC1P – Science, Grade 9, Applied**

This course provides lots of hands-on lab work, with an emphasis on applications of science to everyday life. The Chemistry Unit examines the chemical and physical properties of elements and simple compounds, how these properties affect their use, and the organization that underlies the periodic table of elements. The Biology Unit starts with a basic understanding of ecosystem structure, both aquatic and terrestrial. The interdependence of ecosystem components is emphasized as well as the effects that humans have on these systems. A key focus throughout this unit is how ecosystems can be sustained across time. The Astronomy Unit examines the properties of celestial objects starting in the solar system and moving out to the universe. Emphasis is placed on current and future prospects of space exploration, and the contributions of Canada to space exploration. The Physics Unit introduces students to the basics of electricity, both static and current, and applications of each type. Distinctions between renewable and non-renewable energy sources are studied with emphasis placed on reducing the amount of energy used. In each unit, connections to real-life situations as well as career options are explored.

### **SNC1L – Science, Grade 9, Locally Developed**

Providing a basic understanding of everyday science, this course begins to develop student skills to understand science in the news media, make sense of product labels, understand how their bodies work and make healthy choices, and keep safe when working with various household chemicals. Students will also gain a basic understanding of current electricity and its applications in the home. Throughout the course, an emphasis is placed on the inquiry nature of scientific investigation and the proper collection of data and interpretation of them. In each unit, students will be introduced to careers connected with the topical material.

## **TECHNOLOGICAL STUDIES**

### **TFJ10 – Hospitality and Tourism (Foods), Grade 9, Open**

In this course students will discuss the basics of nutrition and the many connections it has with body image, health and lifestyle choices. Students will learn general kitchen fundamentals such as basic kitchen safety, sanitation practices, knife handling skills, and food preparation. While using the Canada Food Guide students will explore different foods locally and globally. Students will also discuss the impact humans have had on the environment and how they can help to be part of the solution.

### **TGJ10 – Communications Technology, Grade 9, Open**

This course introduces students to communications technology from a media perspective. Students will work in the areas of print and graphic communications, photography, and animation. Student projects may include computer-based activities such as editing photos, cartooning, developing animations, and designing web pages. Students will also develop an awareness of environmental and societal issues related to communications technology and explore secondary and post-secondary education and training pathways and career opportunities in the various communications technology fields.

### **TIJ10 – Exploring Technologies (Shops), Grade 9, 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 various technological areas or industries while working with a variety of tools and equipment. Construction Technology and Transportation Technology are the main exploratory courses studied throughout the semester. Students will learn introductory skills in the construction trade as well as exposure to hands on experiences in the transportation industry as it relates to the servicing, diagnosing, and maintaining power engines and small motor equipment. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and post-secondary education and training pathways leading to careers in technology related fields.

### **TXJ10 – Hairstyling and Aesthetics, Grade 9, Open**

This course introduces students to concepts and skills related to hairstyling and aesthetics. Students will practice professional hairstyling techniques using various hot tools and braiding procedures to produce a broad array of finished looks. Students will learn about nail care and how to perform a professional manicure. They will produce special effects make up applications for theatre and face painting for special events. Students will learn about traditional bridal henna applications and design their own henna tattoos. Through study and practical experience, students will explore principles that contribute to personal and professional success as well as explore secondary and postsecondary pathways leading to careers in the field. This course is good for anyone who wants to learn how to learn new hairstyling techniques or who may be interested in following hairstyling as a career path.