

GRADE 9

As part of its efforts to ensure all students can reach their full potential, in September 2021 the Ministry of Education implemented a new mathematics course that emphasizes real-world applications and financial literacy.

Beginning in September 2022, all Grade 9 subjects will be offered in one stream.

Compulsory Subjects

- English
- Math
- Science
- Geography
- French
- Healthy Active Living Education
- Arts
- Technological Studies

WHAT WILL MY DAY LOOK LIKE?

SAMPLE SCHEDULE

| SEMESTER 1 (Sept. - Jan.) | | | SEMESTER 2 (Feb. – June) | | |
|---------------------------|---------------|---------------|--------------------------|--------------|------------------------|
| PERIOD AND TIME | | COURSE | PERIOD AND TIME | | COURSE |
| | 8:20- 8:23 | Announcements | | 8:20 - 8:23 | Announcements |
| 1 | 8:23 - 9:38 | SCIENCE | 1 | 8:23 - 9:38 | ENGLISH |
| 2 | 9:42 - 10:57 | FRENCH | 2 | 9:42- 10:57 | GEOGRAPHY |
| | 10:57 - 11:46 | LUNCH BREAK | | 10:57- 11:46 | LUNCH BREAK |
| 3 | 11:46 – 1:01 | MATHEMATICS | 3 | 11:46 - 1:01 | HEALTHY ACTIVE LIVING |
| 4 | 1:01 - 2:20 | BLOCK “A” | 4 | 1:01 - 2:20 | EXPLORING TECHNOLOGIES |

REGULAR PROGRAM COMPULSORY COURSE DESCRIPTIONS

ENGLISH (ACADEMIC)

ENL1W0

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 (ENG2D0) and the Grade 10 applied English course ENG2P.

ESSENTIAL ENGLISH (LOCALLY DEVELOPED)

ENG1L0

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 10 English course and to complete the literacy test successfully. 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.

CORE FRENCH (ACADEMIC)

FSF1D0

The 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.

EXPLORING CANADIAN GEOGRAPHY

CGC1W0

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 the 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.

MATHEMATICS

MTH1W0

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.

ESSENTIAL MATHMEMATICS (LOCALLY DEVELOPED)

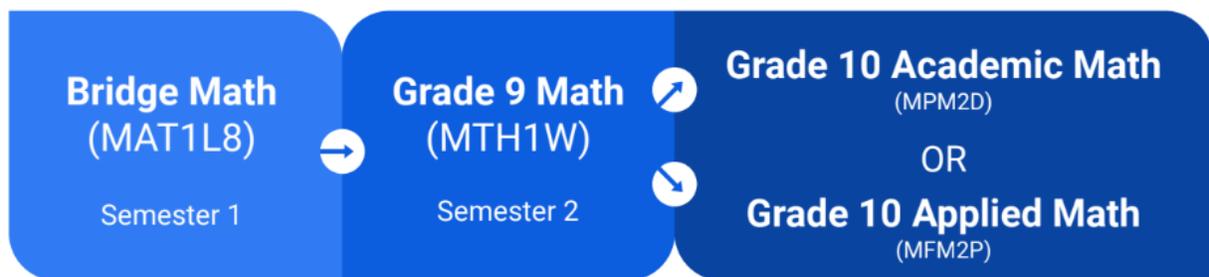
MAT1L0

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 10 LDCC course. The course is organized in three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. 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.

BRIDGE MATH

MAT1L8

The Bridge Math course gives students who have struggled with mastering foundational mathematics concepts additional time and opportunities for practice before taking the Grade 9 MTH 1W course. The topics in this course were chosen as concepts that benefit students the most as they continue into higher levels of mathematics: Mathematical Thinking, Operations, Fractions & Proportional Thinking, Integers and Patterning and Algebra. These topics are all explored at the Grade 7/8 level, with a successful entry into MTH 1W as the goal.



SCIENCE**SNC1W0**

This course enables students to develop their understanding of concepts related to biology, chemistry, physics, and earth and space science, and to relate science to technology, society, and the environment. Throughout the course, students will develop and refine their STEM skills as they use scientific research, scientific experimentation, and engineering design process to investigate concepts and apply their knowledge in situations that are relevant to their lives and communities. Students will continue to develop transferable skills as they become scientifically literate global citizens.

ESSENTIAL SCIENCE (LOCALLY DEVELOPED)**SNC1L0**

This course enables students to deepen their knowledge and understanding of the basic concepts in biology, chemistry, earth and space science, and physics; to 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 communication skills.

HEALTHY ACTIVE LIVING EDUCATION (OPEN)**PPL100 (CO-ED)**

This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement techniques and principles, ways to improve personal fitness and physical competence, and safety/injury prevention strategies. 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.

FRENCH IMMERSION

Students will receive a **Certificate of Bilingualism** from The Rainbow District School Board when they have acquired **10 French Immersion credits** which would include 4 Français plus 6 other Immersion credits. Students are encouraged to obtain **3 senior credits**.

Students may continue their French Immersion Program while being part of the Programs in Arts Education. In grade 9 they will study half of their courses in French and the other half in English. Français, Géographie or Histoire, Nutrition, Vie Active et Santé, Education à la citoyenneté and Exploration de carrières will all be offered in French. English, Mathematics, Technology and Arts courses will be offered in English. This provides a unique opportunity to continue to improve bilingual skills: progressing through the full secondary school program and achieving the bilingual certificate, while at the same time gaining an extra appreciation of the Programs in Arts Education through artistic training and further enrichment opportunities.

Some French Immersion courses alternate every other year.

EDUCATION À LA CITOYENNETÉ (OPEN)

CHV2OI

Dans ce cours, l'élève acquiert les connaissances et développe les qualités qui lui permettront d'être une bonne citoyenne ou un bon citoyen de sa communauté, de sa province, de son pays et du monde. L'élève découvre les éléments de la démocratie en étudiant les rouages du système politique du Canada et prend conscience de la complexité de la vie démocratique dans une société pluraliste comme le Canada. Le cours lui permet aussi d'appliquer sa pensée critique et créative dans le processus de résolution de problèmes et de prise de décisions pour explorer différentes façons d'être une citoyenne ou un citoyen actif et responsable. Offert tous les deux années. Veuillez voir la page d'options.

EXPLORATION DE CARRIÈRE (OPEN)

GLC2OI

Ce cours permet à l'élève d'apprendre comment développer et atteindre des objectifs personnels sur le plan des études, du travail et de la vie communautaire, durant et après ses études secondaires. L'élève évalue ses intérêts, ses caractéristiques personnelles, ses habiletés et explore les tendances économiques et sociales actuelles, les possibilités d'emploi ainsi que les façons d'accéder au marché du travail. Le cours explore les possibilités d'apprentissage, de destinations postsecondaires et de métiers et de professions. De plus, il prépare l'élève à gérer les transitions inhérentes à la vie et au travail, et l'aide à se concentrer sur ses objectifs par l'entremise du développement d'un plan de carrière. L'élève reconnaît les avantages de connaître les deux langues officielles du Canada sur le plan professionnel. Offert tous les deux années. Veuillez voir la page d'options.

FRANÇAIS (ACADEMIC)

FIF1DI

Ce cours permet à l'élève de développer ses compétences langagières en communication orale, en lecture et en écriture. L'élève devra étudier divers textes courants et littéraires, ce qui l'amène à réfléchir sur les valeurs qui caractérisent la communauté francophone et lui permet de développer son esprit critique et son sens d'appartenance à la francophonie.

GÉOGRAPHIE CANADIENNE (ACADEMIC)

CGC1DI

Ce cours fait ressortir la diversité et le caractère distinct du Canada et présente des éléments de géographie physique et humaine. L'élève examine les interactions entre l'être humain et son environnement à l'échelle nationale ainsi que les relations du Canada avec d'autres pays sur le plan économique, culturel et environnemental. Elle ou il effectue des recherches pour analyser des questions géographiques et présente ses conclusions. L'utilisation de diverses méthodes et technologies propres à la géographie lui permet de développer sa pensée critique et d'acquérir des habiletés en recherche et en communication. Offert tous les deux années. Veuillez voir la page d'options.

HISTOIRE DU CANADA AU Xxe SIECLE (ACADEMIC)

CHC2DI

Ce cours retrace l'évolution politique, économique et sociale du Canada depuis la Première Guerre mondiale jusqu'à présent et souligne son rôle sur la scène internationale. L'élève prend conscience des forces internes et externes qui ont façonné le Canada et contribué au développement de son identité. Elle ou il étudie la diversification croissante de la population, la transformation de la société à la suite de l'industrialisation et de l'avènement de la technologie et la participation du Canada à des événements mondiaux et à des ententes internationales comme les deux guerres mondiales et le libre-échange. Le cours lui permet de reconnaître différentes interprétations historiques, d'établir des liens de cause à effet, de soutenir des hypothèses, de faire des recherches et d'en présenter les résultats. Offert tous les deux années. Veuillez voir la page d'options.

VIE ACTIVE ET SANTE (OPEN)

PPL1OI (CO-ED)

Ce cours est axé sur la promotion de la vie active et de la santé et incite l'élève à participer régulièrement à une gamme d'activités physiques intéressantes dans le but de perfectionner ses habiletés motrices et d'améliorer sa condition physique. Le cours permet également à l'élève de développer ses habiletés personnelles et sociales et d'étudier certaines questions telles que la sexualité, l'usage et l'abus de substances, la sécurité personnelle et la prévention des blessures. Offert tous les deux années. Veuillez voir la page d'options.

ACTIVITES PERSONNELLES ET DE CONDITIONNEMENT (OPEN)

PAF10I

Ce cours met l'accent sur l'adoption d'un mode de vie sain et sur la participation à diverses activités physiques susceptibles de plaire à l'élève sa vie entière. Tout au long du cours, l'élève développe ses habiletés motrices. Il ou elle améliore aussi ses compétences dans d'autres domaines: aussi l'élève se fixe des buts, prend des décisions, résout des problèmes et raffine ses habiletés sociales. L'élève étudie également les principes reliés à des relations interpersonnelles équilibrées, à une sexualité saine, à une bonne santé mentale et à la sécurité.

ALIMENTATION ET NUTRITION (OPEN)

HFN20I

Ce cours permet à l'élève d'analyser les besoins nutritionnels de la personne et l'aide à réfléchir aux influences familiales, sociales et culturelles qui guident les choix alimentaires. Une étude des recommandations nutritionnelles du Guide alimentaire canadien et des principes d'une bonne alimentation amène l'élève à reconnaître l'importance d'effectuer des choix alimentaires éclairés pour se maintenir en bonne santé tout au long de sa vie. L'élève pourra concevoir des menus équilibrés et préparer des repas et des collations nutritives. En examinant l'impact environnemental de l'approvisionnement alimentaire, l'élève est amené à explorer des façons de réduire son empreinte écologique. Ce cours comme tous ceux du programme-cadre de sciences humaines et sociales cible aussi le développement de compétences en recherche et en communication.

SCIENCES (OPEN)

SNC1WI

Ce cours permet à l'élève de développer sa compréhension des concepts liés à la biologie, à la chimie, à la physique et aux sciences de la Terre et de l'espace, et de faire des rapprochements entre les sciences, la technologie, la société et l'environnement. Tout au long du cours, l'élève développera et améliorera ses habiletés liées aux STIM en utilisant une démarche de recherche, une démarche expérimentale et un processus de design en ingénierie pour examiner des concepts et mettre en application ses connaissances dans diverses situations de la vie quotidienne. L'élève poursuivra le développement de ses compétences transférables tout en acquérant une culture scientifique en tant que citoyenne ou citoyen du monde.

REGULAR PROGRAM OPTIONAL COURSE DESCRIPTIONS

Students must choose 1 course from Block “A” and TIJ100 from Block “B” for a total of 2 credits. All courses are offered at the open level.

BLOCK “A”

DANCE

ATR100

This course gives students the opportunity to explore their technical and compositional skills by applying the elements of urban dance and the tools of composition in a variety of performance situations. Students will generate movement through structured and unstructured improvisation, demonstrate an understanding of safe practices with regard to themselves and others in the dance environment, and identify the function and significance of hip hop and urban dance within the global community.

DANCE

ATZ100

This course gives students the opportunity to explore their technical and compositional skills by applying the elements of dance and the tools of composition in a variety of performance situations. Students will generate movement through structured and unstructured improvisation, demonstrate an understanding of safe practices with regard to themselves and others in the dance environment, and identify the function and significance of dance within the global community.

INSTRUMENTAL MUSIC

AMU100

This course is designed to meet the needs of those students who would like to begin the study of a brass, woodwind or percussion instrument. 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.

VISUAL ARTS

NAC100

This course explores various arts disciplines (dance, drama, installation and performance art, media arts, music, storytelling, utilitarian or functional art, visual arts), giving students the opportunity to create, present, and analyse art works, including integrated art works/productions, that explore or reflect First Nations, Metis, and Inuit perspectives and cultures. Students will examine the interconnected relationships between art forms and individual and cultural identities, histories, values, protocols, and ways of knowing and being. They will demonstrate innovation as they learn and apply art-related concepts, methods, and conventions, and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to creative arts challenges. Sudbury Secondary School will be focusing on the visual art aspect of this course.

VOCAL MUSIC

AMV100

This course emphasizes the performance of vocal music at a level that strikes a balance between challenge and skill, developing confidence and technique in solo and ensemble work. Formal vocal training is enhanced by the study of jazz and other contemporary musical styles. Students will participate in creative activities that teach them to listen with understanding while developing their sensitivity and imagination. They will also learn correct musical terminology and its appropriate use, and acquire a basic working knowledge of the piano keyboard.

BLOCK “B”

TECHNOLOGY AND SKILLED TRADES

TAS10

This hands-on course enables students to further explore the engineering design process and develop other technological knowledge and skills introduced in earlier grades. Students will design and safely create prototypes, products, and/or services, working with tools and technologies from various industries. As students develop their projects to address real-life problems, they will apply technological concepts such as precision measurement, as well as health and safety standards. Students will begin to explore job skills programs and education and training pathways, including skilled trades, that can lead to a variety of careers.

SPECIAL EDUCATION

The needs of individual exceptional pupils in Special Education are delineated by an Identification, Placement and Review Committee (IPRC). Every effort is made to accommodate the individual differences of students. Special Education Programs are offered to meet those needs.

All exceptional students (those identified with an Individual Education Plan) have access to the Resource Room. Some of the services provided in the Resource Room are: Learning Strategies credit courses; assistance with homework and other class assignments; and accommodations such as using computers and providing extra time for tests and exams. Several Chromebooks are available in the Resource Room for students who have an IEP.

THE GRADE 9 AUTISM SPECTRUM DISORDER (ASD), LIFE SKILLS AND TRANSITION PROGRAMS

The **GRADE 9 ASD, LIFE SKILLS AND TRANSITION PROGRAMS** provide an alternate level of instruction than the regular academic, applied and open courses offered in grade 9. Admission to these programs will be strictly through an **IPRC (Identification, Placement & Review Committee)** meeting.

The main focus of these programs is to provide students with the knowledge, values and skills needed as preparation for becoming worthwhile employees and citizens. The emphasis is on **life skills** in all subject areas. These courses provide as much hands-on experience as possible.

Classroom subjects included will be selected from the following:

| | |
|--------------------|---------------------------------|
| English | Family Studies |
| Geography | Healthy Active Living Education |
| History | Information Technology |
| Mathematics | Science |
| Visual Arts | |
| Technology Studies | |