

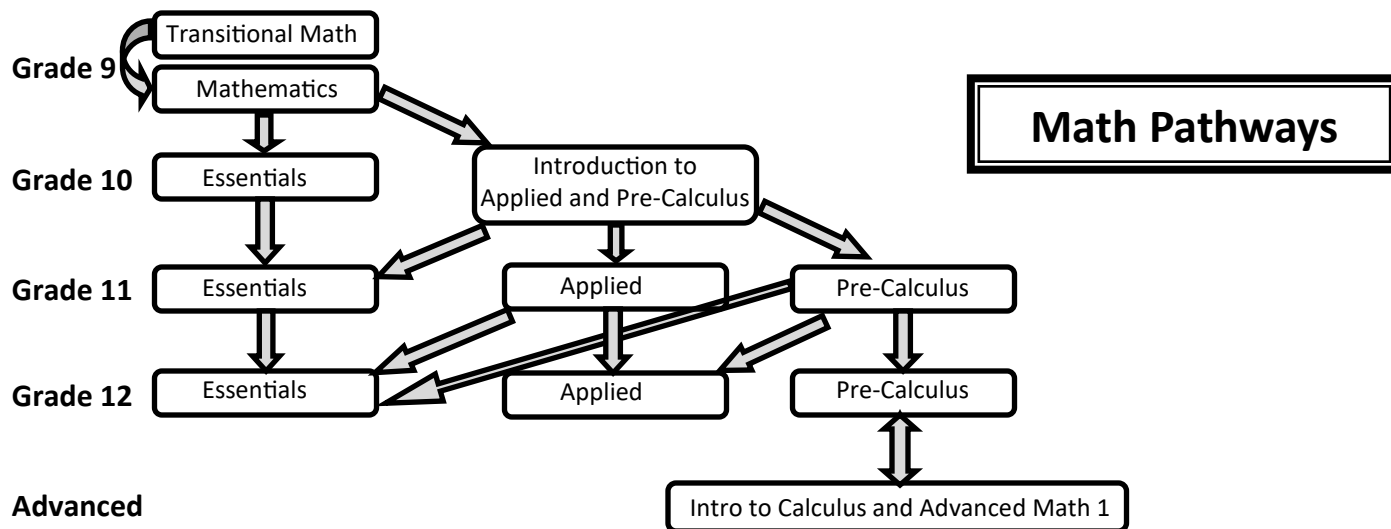
W.C. Miller Math Course Options

2023 - 2024

All Grade 9 students are required to take a foundational Math course (Mathematics 10F), but in Grade 10, they can choose between Essential Math or Introduction to Applied and Pre-Calculus Math. This is the first choice they will make in their high school courses that could affect their post secondary or career path. After Grade 10, Math branches into three strands: Essential, Applied, and Pre-Calculus Math explained in the chart below.

PLEASE NOTE: All Post-Secondary institutions have different requirements for entry into their programs. Please be mindful of the requirements of any program you are considering for the future. Also, see the diagram below that illustrates how a student can move through the Math courses in high school.

Essentials	Applied	Pre-Calculus
<p>The Essential Mathematics courses demonstrate how to use math in everyday life. These courses emphasize:</p> <ul style="list-style-type: none"> Consumer applications Problem solving Decision making Spatial sense. 	<p>Applied Mathematics is intended for students considering post-secondary studies that do not require a study of theoretical calculus. These courses emphasize:</p> <ul style="list-style-type: none"> Numerical and geometrical problem-solving Development of critical-thinking skills through problem solving and mathematical modeling in order to make predictions 	<p>Pre-Calculus Mathematics is designed for students who intend to study calculus and related math as part of their post-secondary education. These courses emphasize:</p> <ul style="list-style-type: none"> Algebra Quadratic functions Reciprocal functions Trigonometry



After high school, if a student wishes to pursue a course of study that requires a different level of Math than they have obtained, they can:

- take a bridging course in Math once enrolled at university.
- upgrade through an additional semester of high school, distance education, or an adult learning centre.

W.C. Miller Senior English Course Options

2023-2024

Note: Students are required to take one English credit in each of their Grade 11 and Grade 12 years. Students are expected to take English courses at their grade level. They may take additional English credits, up to 3 per year with one from each focus area (ELT: Transactional Focus, ELC: Comprehensive Focus, ELL: Literary Focus).

ELT: TRANSACTIONAL FOCUS

Prerequisite: ELA Grade 10 (20F)

ELT: True Stories 30S/ELA: True Stories 40S

This course will focus on Non-Fiction texts in a wide range of styles, including Memoirs, Autobiographies/Biographies, Eulogies, Articles, Editorials, Blogs, and Documentaries. These styles will be read, but also written, focusing on the types of writing that happen in our actual lives. As much as possible, these texts will be presented authentically, such as Letters to the Editor, blogs, resumes, business letters, letters of reference, and proposals.

ELC: COMPREHENSIVE FOCUS

Prerequisite: ELA Grade 10 (20F)

ELC: Comprehensive Focus 30S/ ELA: Comprehensive Focus 40S

This is a course in which students read, write, listen to, and watch many different forms of literature. There will be some emphasis put on writing designed to accomplish objectives that are pragmatic in nature. However, the majority of the course will focus on fiction's many genres. Possibilities include: mystery, gothic, horror, historical fiction, romance, tragedy, comedy, sci-fi, and fantasy. The study of a variety of forms will be included such as novel, poetry, drama, and short story. Work in this class will include some analytical and reflective work with these forms but will also move toward students writing their own creative compositions.

ELL: LITERARY FOCUS

Prerequisite: ELA Grade 10 (20F)

ELL: Literary Focus 30S/ELA: Literary Focus 40S

Literature is the branch of English that looks at our world's most important texts – the English canon. In this class we will study poetry, drama, short story, and novel, diving into Literary Theory and different ways of reading, exploring, and enjoying texts. Epic and classic texts will be balanced with important contemporary work. Types of writing will include reflections, creative writing, a reading journal, literary analysis, and argumentative and research essays.

- * This course is designed to prepare students for post-secondary education. The level of expectations around difficulty of work and the students ability to manage their workload independently is higher than other English courses.