The New High School Mathematics 10C Course

The revised Grades 10–12 Mathematics Program of Studies includes a combined Grade 10 course, Mathematics 10C, that is the starting point for the -1 and -2 course sequences (see diagram below). This will allow Mathematics 10C students to postpone choosing a mathematics course sequence until Grade 11. Mathematics 10C also offers students:

- a smoother transition from junior high to high school
- the opportunity to access more resources before making decisions about course sequences
- greater transferability between sequences if their career or post-secondary goals change.

Other Grade 10 mathematics courses available are the new Mathematics 10-3 for students planning to enter a trade or the workforce and the current Mathematics 10-4 for Knowledge and Employability courses.

A Smoother Transition

One of the guiding principles in revising the mathematics programs was to facilitate a smooth transition from Grade 9 to Grade 10 mathematics. In Mathematics 10C, students will benefit from the way in which Grade 10 outcomes progress from the Grade 9 mathematics outcomes. Students will also have a year of high school experience before deciding which course sequence they will follow.
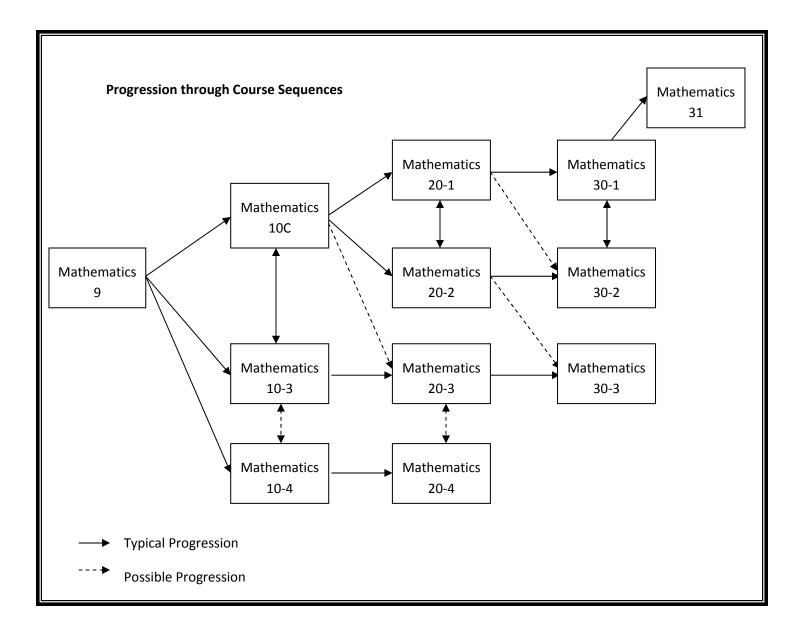
Informed Decisions

The course sequence students choose impacts their options for future post-secondary programs. By delaying the decision to high school, students can make a more informed decision based on their future career paths, their mathematics skills and their post-secondary education prerequisite needs. With the revised program, Grade 10 students can now consult with their high school teachers, and possibly counsellors, concerning which course sequence best suits their skills and their future goals. Universities, colleges and technical institutes have indicated that the new -2 sequence will be more widely accepted for enrollment than the current applied mathematics sequence.

Greater Transferability

Because Mathematics 10C covers topics studied in both the -1 and -2 course sequences, students gain the background knowledge in Grade 10 to transfer between course sequences in both Grade 11 and Grade 12. This means that students can make adjustments to their mathematics courses should their goals or interests change over the course of their high school studies. This flexibility gives students more options in high school while they determine their future education and career plans.

This document is part of the draft high school mathematics information package.

Progression through Course Sequences

Mathematics 9 → Mathematics 10C → Mathematics 20-1 → Mathematics 30-1 → Mathematics 31

Mathematics 10C → Mathematics 20-2 → Mathematics 30-2

Mathematics 10-3 → Mathematics 20-3 → Mathematics 30-3

Mathematics 10-4 → Mathematics 20-4

Typical Progression

Possible Progression

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