

The Revised High School Mathematics Program of Studies

The Benefits

The revised high school mathematics program has a number of benefits for students.

- Greater opportunity for conceptual understanding because there is less content—students can study topics in greater depth.
- Course sequences are designed to prepare students for their future goals.
- Students can transfer between the -1 and -2 course sequences at the Grade 11 and Grade 12 level if their career goals change.

All the mathematics course sequences encourage students to:

- become creative problem solvers
- use mental mathematics skills
- gain more confidence in their mathematics skills
- make connections between mathematical concepts and their lives.

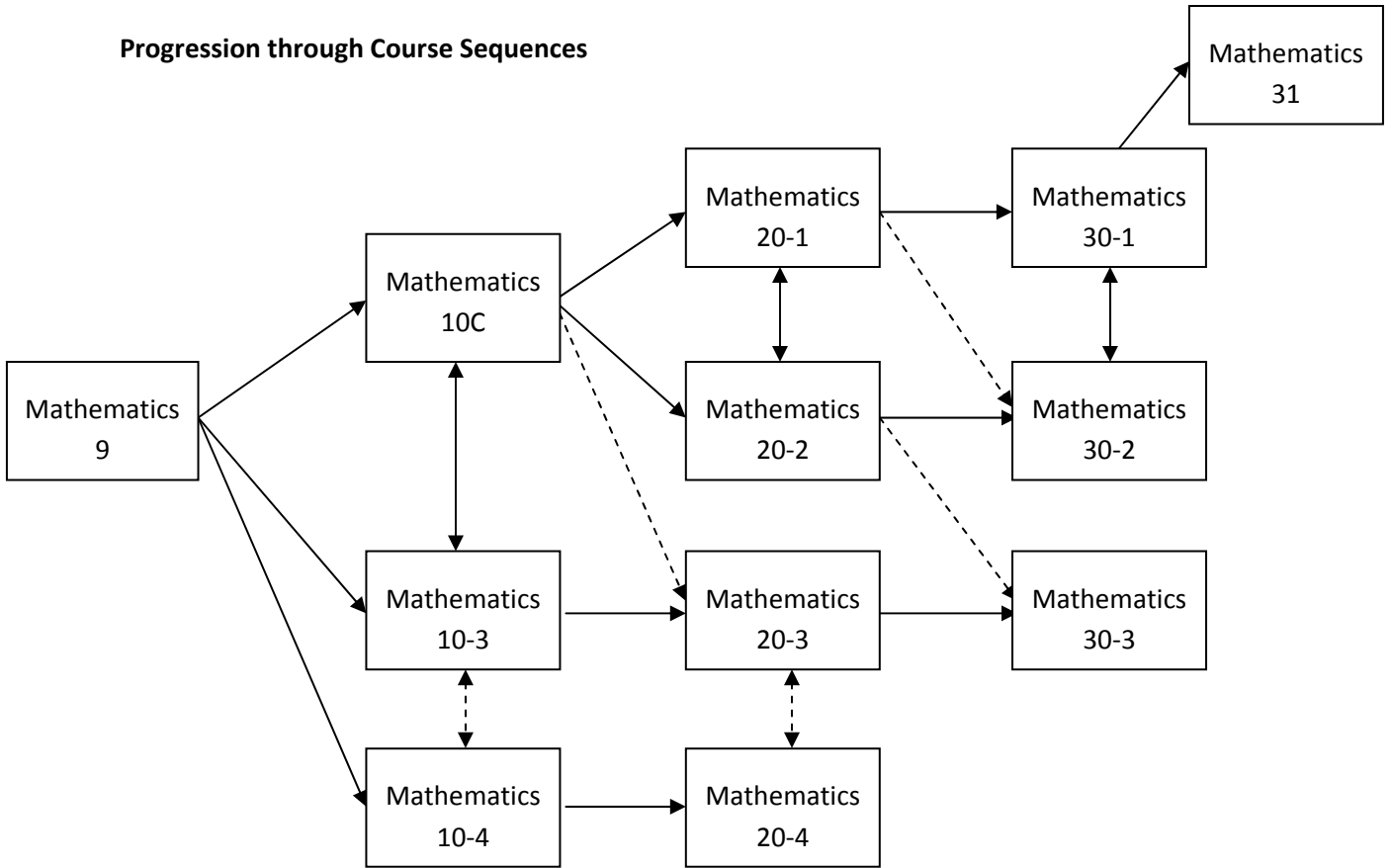
Looking to the Future

The content of the three course sequences (-1, -2 and -3, see diagram below) differs so **students gain the necessary knowledge, skills and attitudes to be successful both in the workplace and in a variety of post-secondary programs.**

- **Students have a choice of three mathematics courses when entering Grade 10: 10C, 10-3 and 10-4.**
 - Students choosing 10C have two sequence options out of Grade 10: 20-1 and 20-2. These sequences are ideal for students considering post-secondary studies in most colleges and universities.
 - Students choosing 10-3 follow the 20-3 and 30-3 course sequence through Grade 11 and Grade 12. This course sequence is ideal for students entering trades or the workforce immediately after high school.
 - Students choosing 10-4 can follow the 20-4, Knowledge and Employability, course sequence through Grade 11 or move to 10-3.
- **Students who enroll in 10C don't need to choose their course sequence until Grade 11.** This gives students an extra year to decide which sequence best suits their interests and their future needs. [Click here for more information on Mathematics 10C.](#)
- **Students can transfer between the -1 and -2 course sequences in grades 11 and 12,** which allows them to change their mathematics program if their future goals change.
- **Students have access to high school mathematics teachers and some may have access to guidance counsellors** to help them decide which sequence is right for them.

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

Progression through Course Sequences



—> Typical Progression

- - -> Possible Progression