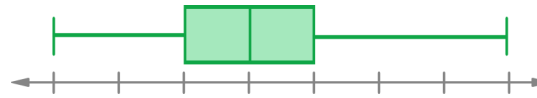
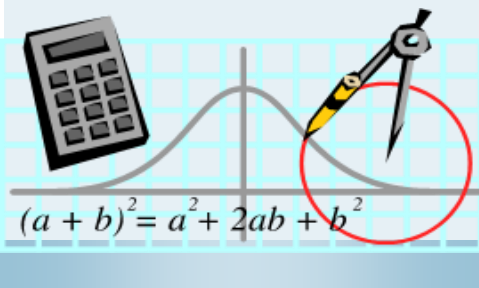


## Grade 9 De-streamed

- New topic introduced almost every day
- Homework every night
- Combination of theory behind concepts and hands-on activities in real life contexts
- Extensive use of fractions, integers and algebra
- Multi-step problem solving and abstract reasoning
- Learn many skills and apply them
- Assessments occur about every 2 weeks and review for the test is the responsibility of the student



## Math Resources:

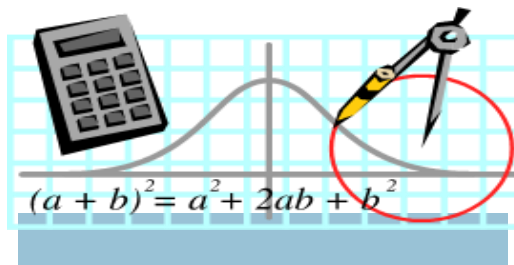
### Mathify

Students in Grades 4-12 can access free, live, online math tutoring from certified Ontario math teachers using interactive white board, two-way audio and text chat.

To access Mathify visit:  
<https://www.tvomathify.com/students>.

### To register:

- Students need their Ontario Education Number
- Click on the registration link at the top of the page. Select student and enter your information
- It is recommended that students use an anonymous username and password when registering



## Grade 9 De-streamed

### Course Description

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.

### EQAO

5% of the final mark may be based on the grade 9 EQAO test written in class at the end of the semester.

### Help Centre

Free resource for math help. Room and times are posted at the beginning of the semester

**Scientific Calculator** (required)  
Look for one that includes a fraction and exponent button and a 2 line display

# Mathematics Pathways, Grades 9 - 12

