

To build a full understanding of learning trends in Ontario, it's important to consider EQAO data alongside information from other sources.

Responses to EQAO's student questionnaires offer some valuable insights into attitudes and perceptions about math.

Grades 3 and 6 and Grade 9 Academic

On average,



55%

of students **like math**.



54%

of students **see themselves as being good at math**.

Grade 9 Applied

1/3



Approximately one-third of students **like math** and **see themselves as being good at math**.

EQAO research has shown that as early as Grade 3, students' attitudes can influence their long-term achievement in math.

EQAO assessment data from 2018–2019 can be **analyzed over time** to identify trends in math achievement.

Grade 3

Grade 6

Grade 9

For Grades 3 and 6, EQAO research has shown that students' basic knowledge of fundamental math skills is **stronger** than their ability to apply those skills to a problem or think critically to determine an answer.

58%

–4% compared to the average of the previous three years

48%

–1% compared to the average of the previous three years

Applied Course

44%

–1% compared to the average of the previous three years

Academic Course

84%

consistent with the average of the previous three years

EQAO data and information from other sources can strengthen conversations about math learning. Some questions to explore further include the following:

Why are there such different educational outcomes for students enrolled in applied and academic courses?

What can be done to promote students' positive attitudes toward math?

In attempts to promote engagement and achievement, how can we further support students' mathematical problem solving and critical thinking?