



New K-6 Curriculum: Numeracy

Math is necessary for daily life and can inspire curiosity

Numeracy in the new K-6 curriculum

Numeracy is a foundational building block of learning. To be numerate is to think clearly about math. Fluent thinking about numbers is necessary for everyday tasks, insights into our natural and cultural world, and mental development.

Numeracy is explicitly taught in math class. Math includes understanding and applying arithmetic, geometry, data, statistics, and probability. Students will be taught basic math knowledge and skills and will revisit essential math themes every year. For example, students will learn their multiplication tables. By constantly expanding students' knowledge base, they will gain a greater appreciation of and confidence with math and develop lifelong useful skills.

Numeracy is also applied in every subject throughout the curriculum. For example, in physical education children will develop budgets to meet financial goals and apply spatial reasoning while planning and playing sports.

Applying mathematical concepts

We need numeracy for most jobs, and some jobs are almost entirely dependent on solid math skills. Alberta's students need to be competitive in the emerging science, technology, engineering, and math (STEM) fields if they are to participate in these job markets. A renewed prioritization of tried-and-true best practices as seen in leading jurisdictions will improve our students' success in this area.

Understanding and applying numbers in real life decisions

The curriculum will support students in learning that numbers and mathematical operations are used to solve problems in daily life, such as telling time, graphing data and budgeting. Students will also learn to work with space and objects to help measure the distance between objects and determine the size and location.

Making informed decisions

Students will learn how to understand, review, and analyze numbers to produce meaningful results. These results will then guide how students can make informed decisions, which they can clearly communicate.