

Numeracy

Draft K-6 curriculum

Math is necessary for daily life and can inspire curiosity

Numeracy in draft 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 the application of mathematics, including 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 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 practise counting and comparing personal statistics to reach their personal best, and making decisions based on 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, measuring distances between objects, and budgeting. Students will also learn to work with space and objects to help determine location and direction.

Making informed decisions

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

Find out more at alberta.ca/curriculum