



Curriculum Corner



Welcome to our Curriculum Corner!

This month's update is focused on Mathematics and ways you can connect at home.

All students in Alberta are experiencing these revised curricula:

- Kindergarten to Grade 3 English Language Arts & Literature (ELAL)
- Kindergarten to Grade 3 Mathematics
- Kindergarten to Grade 6 PE and Wellness

As well, most teachers in GPPSD are optionally implementing Grade 4 to 6 ELAL and Math and or piloting Kindergarten to Grade 6 Science.



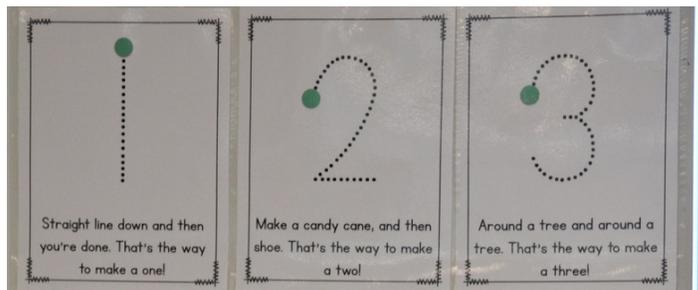
What Is Mathematics?

The Alberta curriculum for Mathematics is being implemented in Kindergarten to Grade 3 this school year. This curriculum focuses on quantitative information, spatial information and numeracy.

Quantitative information is measured and expressed as an amount.

- number
- estimation skills
- interpreting data
- recognition of patterns

With this, students are expected to learn, recall, and apply number facts to add, subtract, multiply, and divide more efficiently in various situations. Students work with money concepts to support financial literacy skills learned in physical education and wellness.



Spatial information is the physical location of objects or people and their relation to other things.

- understanding shape and space
- measuring time, weight, height and distance
- determining location and direction
- visualization and interpretation of diagrams
- application of skills from physical to abstract

In this curriculum, spatial reasoning is provided at earlier grades to help students understand number and geometry concepts at a younger age.

Alberta Education defines numeracy as the ability, confidence and willingness to interact with quantitative and spatial information in various situations that support real-life learning. A numerate person applies these understandings at home, school, work, and the community.

- telling and managing time
- using and managing money
- comparing costs
- following instructions
- reading a schedule or map
- interpretation of statistical data and patterns
- adaptation of a recipe
- visualization of fitting objects into a limited space



What This Means for Your Child

Throughout the study of mathematics, students learn to apply their knowledge, understanding, skills, and procedures to solve problems.

Thinking logically about an issue,

- choosing a strategy,
- making conclusions, and
- justifying the solution

help students develop confidence in their mathematical thinking and decision-making.

These are reinforced by literacy and numeracy skills and continue to grow throughout students' lives to support various needs, such as financial literacy. The mathematics curriculum's foundational knowledge and skills are essential to students' future success.

Your student(s) will apply abilities in computation, managing information, reasoning, and problem-solving in daily life and future educational goals and careers. Mathematics will help your student(s) interact with confidence and curiosity in the community and stay interconnected in an ever-changing world.

If you want to learn more about Curriculum Content and Implementation plans:

- Speak with your teacher or your school Administrators.
- Visit: [K to 6 curriculum renewal | Alberta.ca](https://www.alberta.ca/k-to-6-curriculum-renewal)

Watch for next month's issue on English Language Arts and Literature and ways to connect at home.