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BC Grade 4 Mathematics

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Dear Parents,

Helping kids understand and apply mathematics knowledge and skills is a collective responsibility of parents, teachers, and principals.

Students need to learn mathematics in a way that will serve them throughout their lives. Understanding mathematics can provide our students with many job and career opportunities.

This is why students need to know why mathematics works the way it does, how to use it with confidence and competence when solving problems.

Understanding mathematics enables us to:

- Solve problems, make sound decisions and perform calculations with ease
- Explain how we solved a problem and why we made a particular decision
- Understand patterns and trends so that we can make predictions
- Understand Financial Literacy to manage time and money
- Handle everyday situations that involve numbers and feel confident

Before your child can learn mathematics, he or she needs to believe in his or her ability to do so. That's where you come in!

Parents, you are your child's first role model for learning. When you engage with your child in a supportive, relaxed atmosphere, your child will enjoy exploring the world of mathematics.

Dynamic Math is committed to helping parents and students. We understand that not everyone learns the same way, and not everyone feels the same about math. This is why we are continually working to create math resources that help students of all abilities, while supporting the many learning styles and varying levels of enthusiasm towards math.

From our clear concise instructions and straightforward guided examples to our additional practice material and tests, there's something to suit everyone. Combined with our video tutorials, students will be able to get a tutor-like experience from anywhere and at a fraction of the cost of standard tutoring or after-school help programs.

There are several skills that are important when working in mathematics. If you use these skills when you work on math questions, it will help you to think about how to get to the answers.

These skills are:

1. Communicating

Communicating is expressing mathematical ideas and your understanding of them. To communicate, you use words, symbols, pictures, numbers, graphs, and diagrams to show that you know what is being said or asked.

2. Representing

Representing involves different ways of showing mathematical ideas. To represent, you use physical models, pictures, figures, numbers, and other methods to help make things clearer so that you can answer the question.

3. Connecting

Connecting is being able to see and describe mathematical ideas. You should be able to connect mathematical ideas to each other and understand how they build on each other.

4. Reasoning

Reasoning involves understanding the relationships that apply to numbers, shapes, or operations. To reason, you have to think about why something is true and whether it applies to a group of numbers, shapes, or operations.

Unit 10 gives more details about each of these skills and gives you examples and questions to help you build your skills in these areas.