



## EduCalc Learning 5<sup>th</sup> Grade Math

### **Instructor**

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### **Course Description**

Students will learn how to perform addition, subtraction, multiplication, and division using whole numbers, fractions, and decimals. They will learn 2-D and 3-D shapes, parts of a circle, how to work with polygons, and will interpret data and graphs. Throughout the course, students will learn how to use dyscalculia-appropriate tools like multiplication lists and calculators.

### **Fully Online Course**

This is an online course through the learning management system, Canvas. The course contains all required instructional materials and resources. Activities consist of reading text, watching instructional videos, and taking online quizzes and tests. There are no required discussions or projects, although optional enrichment activities are offered throughout the course.

### **Scope and Sequence**

<b>Unit</b>	<b>Title</b>	<b>Topics Include</b>
Unit 1	Numeracy	Multiples, factors, integers, Metric System
Unit 2	Shapes	2-D and 3-D shapes, circles, polygons
Unit 3	Data	Range, mean, median, mode, graphs, probability
Unit 4	Fractions, Decimals, Percents	Add, subtract, multiply, divide, conversions
Unit 5	Formulas and Functions	Patterns, exponents, substitution, Coordinate Grid

### **Grading Policy**

Quizzes and tests are percentage based (number correct divided by total questions). Assignments are automatically set for two tries if a student wants to improve their grade. If you still have a problem and want to improve a grade, let us know and we can help!

### **Academic Integrity**

The reality is that most students feel they can only pass a math class by using MathApp, Chegg, or some other tool. Our courses are designed so that you CAN pass on your own! Our students are happily surprised to find that they understand what they are doing and they are earning an A in class without cheating.