



EduCalc Learning 6th Grade Math

Instructor

Dr. Honora Wall

Ed.D, Curriculum & Instruction, Concordia University Chicago

M.A., Applied Learning & Instruction, University of Central Florida

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

Unit	Title	Topics Include
Unit 1	Numeracy	Operations with fractions, decimals, percents, exponents
Unit 2	Ratios	Writing ratios, equivalent ratios, proportions
Unit 3	Expressions and Equations	Parts of expressions, equations, comparing numbers
Unit 4	Geometry	Ordered pairs, Coordinate grid, polygons
Unit 5	Statistics	Measures of Central Tendency, graphs
Unit 6	Probability	Simple probability with different objects

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.