

# MATH COURSE 2

This course is designed to strengthen core math skills while introducing more advanced concepts that prepare students for higher-level math. Although it is typically taken by 7th graders, students of any grade level are welcome to enroll based on their math readiness. The class will meet **simultaneously in person and live via Zoom**, giving families flexibility in attendance.

## What we'll cover this year:

- **Semester 1**

- Integers: adding, subtracting, multiplying, and dividing positive and negative numbers  
Rational Numbers: working with decimals and fractions
- Expressions & Equations: simplifying expressions and solving equations
- Inequalities: understanding and applying  $<$ ,  $>$ ,  $\leq$ , and  $\geq$
- Ratios & Proportions: solving real-world problems with proportional reasoning
- *Fraction Intervention*: extra support for students who need to strengthen fraction skills

- **Semester 2**

Percents: calculating discounts, markups, interest, and more

- Constructions & Scale Drawings: working with angles, triangles, and quadrilaterals
- Circles & Area: using  $\pi$  to calculate circumference and area, and solving composite figure problems
- Surface Area & Volume: exploring 3D figures and measurement
- Probability & Statistics: analyzing data and determining likelihood
- *Budgets & Careers*: applying math to real-life financial planning
- *Algebraic Review*: revisiting algebraic expressions, equations, and rational numbers for deeper mastery

## Skills students will walk away with:

- Greater confidence with fractions, decimals, and negative numbers
- Strong algebra foundations, including solving equations and working with expressions
- Practical applications of math in finance, geometry, and statistics
- Improved problem-solving, critical thinking, and logical reasoning

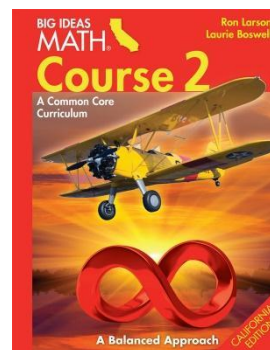
**Textbook:**

*BIG IDEAS California: Student Edition Course 2*

ISBN-13: 978-1608406708

ISBN-10: 1608406709

The textbook is available online [HERE](#) for free. If the link doesn't go directly to the text book, from the Big Ideas Easy Access page, select "common core 2014", then select the Math Course 2 Red Book.

**Required Materials:**

- Two graph paper notebooks (one for an Interactive Notebook, one for assignments and assessments)
- Pencils with plenty of eraser!
- A colored pen for corrections

**Pricing:**

Families may choose to either:

- Pay the full semester fee at the beginning of the term, and receive a **\$20 discount per class**
- Divide the semester fee into **five monthly payments**.

<i>Live Instructional Hours</i>		<i>Pricing</i>	
Per Week	Per Semester Approximate	Per Month	Per Semester*
2 hours	32 hours	\$130	\$650

**Families using Ocean Grove Charter School instructional funds** will be billed monthly through their purchase order (PO) and, therefore, are not eligible for the \$20 discount. If you're using Ocean Grove funds, please ask your Education Specialist (ES) to generate a PO for the full semester price of your selected course(s). The Santa Cruz Learning Center will then invoice Ocean Grove every month. Please remember to register directly with us to reserve your spot in class.

**Cancellation Policy**

For families paying in monthly installments, **we require 30 days' notice** if you decide to cancel a course. This allows us time to adjust staffing and offer the spot to another student. You will be responsible for any fees due within that 30-day period.

Semester fees paid in full are **non-refundable**, but if your plans change, we're happy to apply the remaining value as **credit toward future services** at the Learning Center.