



Course Syllabus

Course Title: Math Grade 5

School Year: 2024-2025

Semester(s): 1 and 2

Grade Level(s): Grade 5

Course Day(s) and Times: Mondays and Wednesdays, 11:00 am - 12:00 pm PST

Teacher Information:

- **Name:** Mary Miller
- **Email:** mary.miller@brancheslearning.org
- **Office Hours:** By appointment only
- **Branches Learning Main Office Number:** (323) 955-0114

Class Materials - <https://brancheslearning.org/product/math-grade-5/#Materials>

Course Description

This standards-based fifth-grade math class increases each student's math fluency in addition, subtraction, multiplication, and division of fractions. Grade 5 students will learn how to convert fractions into decimals and mixed numbers and explore numerical expressions, volume, and graphs. Along with traditional paper and pencil exercises, students dive into practical learning experiences.

In this course, students will:

- Increase their understanding of percentages, measurement, graphing, and algebraic thinking.
- Apply all four operations to fractions, mixed numbers, and whole numbers.
- Expand their geometry foundation by calculating area, perimeter, and volume of 2D and 3D shapes.
- Grade 5 students will also learn how to find the area, perimeter, and volume of 2D and 3D shapes, and understand coordinate planes.

Course Units

Unit 1: Skills review

Unit 2: Multi-digit multiplication

Unit 3: Long division

Unit 4: Decimals with the four operations

Unit 5: Equivalent fractions and decimals

Unit 6: Multiplying and dividing fractions

Unit 7: Adding and subtracting fractions

Unit 8: Fractions and whole numbers

Unit 9: Converting fractions into whole numbers and decimals

Unit 10: Order of operations and coordinate planes

Unit 11: Measurement

Course Expectations:

Students must be prepared, attend from a quiet place, have their materials ready, have their camera on, be on time, participate, submit work promptly, treat others with respect, and ask for help when needed. Since our class meetings are only 45 minutes long, I ask that students get drinks and use the restroom before class.

Grading Scale

Elementary School, Grades K-5

- EE – Exceeding grade level expectations
- ME – Meeting Grade Level Expectations
- AE – Approaching Grade-Level Expectations
- LE – Lack of Evidence Needed to Assess Grade-Level Expectations
- WTG – Working Toward Personal Goals Outlined in a Student's IEP

Final grades are determined by the quality and completion of assignments, attendance, and participation.

Important Branches Learning Policy Information

Camera Policy

Branches Learning requires students to keep their cameras on during live classes unless otherwise instructed by the teacher. Exceptions can be made in rare circumstances if the course teacher, supervising teacher (HST), and the parent all approve a camera waiver.

Headset Policy

Students attending live classes from a shared space must have a headset with a microphone to ensure the class is not disrupted by background noise.



Attendance Policy

Absences must be reported to the course instructor via email or sent to info@brancheslearning.org. Class recordings are available upon request.

Attendance and participation are part of the final grade. Students who miss more than 40% of live classes may fail the course. Exceptions may be made if a pre-approved plan is in place.

Late Work

Assignments turned in after the due date will result in a lower grade unless pre-approved by the instructor.