



7th Grade Math 2025-2026 Syllabus

Teacher: Mr. Luis Garcia

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Plan Period: Monday - Friday, 6th hour (1:54 pm - 2:42 pm)

Early Release Monday: 12:28 pm - 1:02 pm

Phone: 405-947-6272

Textbook: McGraw Hill Oklahoma Reveal Math Course 2

Course Description: 7th Grade Math scholars represent and compare real numbers, solve problems with rational numbers, represent and solve linear equations and inequalities, use linear functions to explain real-world and mathematical situations, and use proportional reasoning to solve problems. Scholars will determine the surface area and volume of cylinders and prisms, calculate the area of circles and composite figures, calculate experimental probability, and describe data using measures of central tendency, scatter plots, circle graphs, and histograms.

Course Objectives:

1. Read, write, represent, and compare rational numbers, expressed as integers, fractions, and decimals. Explain and apply the concept of absolute value.
2. Calculate with rational numbers, with and without positive integer exponents, to model and solve mathematical problems.
3. Explain the concept of proportionality in mathematical models and situations and distinguish between proportional and nonproportional relationships.
4. Identify and justify proportional relationships using mathematical models and situations; solve problems involving proportional relationships and interpret results in the original context.
5. Represent mathematical situations using equations and inequalities involving variables and rational numbers.
6. Use order of operations and properties of operations to generate and evaluate equivalent numerical and algebraic expressions.
7. Develop and understand the surface area and volume of rectangular prisms with rational-valued edge lengths.
8. Use mathematical models and problems to calculate and justify the area of trapezoids and the area and perimeter of composite figures with rational measurements.
9. Use mathematical models and reasoning with proportions and ratios to determine measurements, justify formulas, and solve problems.
10. Analyze the effect of translations, reflections, rotations, and dilations on the attributes of two-dimensional figures on and off the coordinate plane.
11. Interpret and analyze data, creating the most appropriate display using various tools.
12. Calculate and use proportional reasoning with probabilities to model and solve mathematical problems.

Required Materials:

- Composition Notebooks – one per class; additional notebooks may be needed later in the year.
- #2 pencils and pens - replenished during the year
- One handheld pencil sharpener with a shaving catcher

- Loose-leaf, lined paper. 500 Count to start. Students must replenish as needed.

Attendance Policy and Classroom Expectations:

- All scholars are expected to attend class with required materials, be on time, and participate.
- Ten percent or more of days with excused and unexcused absences will result in a No Credit (NC) for this class.
- Three tardies will equal one absence.
- All scholars are expected to be respectful to all individuals in the classroom at all times.
- There is to be absolutely no gum in the classroom.

Academic Meaning of a Grade:

The reporting of grades to parents and students will be given in two parts. A traditional “A-F” grade will be given to reflect the percentage assigned to the academic work attempted by the scholar. It DOES NOT reflect the mastery of the content by the scholar. In addition, scholars will be given a Mastery-Based Learning grade. The last grade of the year will express how well the scholar has mastered the state-required content.

For example, a scholar may be given an “A” for the traditional grade but a “2” on the Mastery-Based Grading system and would be reported as “A/2.” Ideally, these grades will match up as “A/4.”

- Grades should accurately reflect individual scholar achievement about course evidence outcomes related to Oklahoma Academic Standards / National Standards for the subject taught.
- A “3” on a task/assessment is considered proficient or meeting grade-level standards, while a “4” is considered advanced or meeting grade-level standards with a high level of excellence.
- Extra credit is not applicable, but an extension or alternative assignments/assessments may be offered to show proficiency or advanced proficiency.
- Scholars are given timely feedback and reteach/relearn/reassessment opportunities are provided to promote proficiency in the standards.

Grading Scale:

A	90-100%
B	80-89%
C	70-79%
D	60-69%
F	Less than 60%

Grade Weights:

Formative	25%
Summative	45%
Classwork	20%
Participation	10%

Enrichment/Remediation: When students struggle on an assessment with one or more standards, they may be assigned enrichment during the school day and may be required to attend Saturday morning enrichment as well. When students have completed enrichment, they are given a reassessment to show their level of understanding of the standard. The grade on the reassessment will replace the original grade.

Scholar Progress:

- Progress reports for scholars are prepared three times each year, midway of each 9-weeks grading period *except for the first quarter*. Parents MUST come onsite to pick up and sign for the progress report on the day they are issued. Parents/guardians of scholars making a grade of “0” or “1” must meet with teachers at that time. If a parent/guardian does not attend this important meeting, their scholar will not be allowed back in class until the progress report is picked up and the meeting attended. The meeting will be scheduled during the work schedule of the teacher.
- School dismisses at 3:35 pm. Students not making adequate progress may be required to attend Saturday and be assigned to ACE (remediation class) instead of an elective.