

Glen Crest Grade 6 Math Goals

Reporting Topic #1: Number Sense

- Goal 1: I can identify and apply order of operations to simplify numeric expressions involving whole numbers.
- Goal 2: I can solve problems and number sentences involving addition, subtraction, and multiplication of decimals.
- Goal 3: I can add, subtract, multiply, and divide integers.
- Goal 4: I can add, subtract, multiply, and divide fractions and mixed numbers with like and unlike denominators and express answers in simplest form.
- Goal 5: I can read, write, and recognize equivalent representation of fractions, including improper fractions and mixed numbers.
- Goal 6: I can represent a percent as a fraction in lowest terms and as a decimal.
- Goal 7: I can order and compare decimals through millionths.
- Goal 8: I can order and compare fractions and mixed numbers having like or unlike denominators.
- Goal 9: I can evaluate expressions written in exponent form and represent repeated factors using exponents.
- Goal 10: I can read and write numerical expressions from a given description or situation.

Reporting Topic #2: Estimation & Measurement

- Goal 11: I can select and use appropriate standard units and tools to measure length, mass/weight, and capacity in the metric system.

Reporting Topic #3: Algebra & Analytical Methods

- Goal 12: I can use proportions to solve problems.
- Goal 13: I can calculate unit rates and ratios.
- Goal 14: I can solve problems involving the Distributive Property with numbers.

Reporting Topic #4: Geometry

- Goal 15: I can solve problems involving the perimeter and area of a triangle, parallelogram, or irregular shape by using given formulas.
- Goal 16: I can identify acute, right, obtuse, and straight angles.
- Goal 17: I can identify, describe, and sketch circles including radius and diameter.
- Goal 18: I can identify parallel, perpendicular, and intersecting lines.

Reporting Topic #5: Data Analysis & Probability

- Goal 19: I can solve problems involving the probability of a simple event as a fraction.