

**CHEBEAGUE ISLAND SCHOOL
PRE-K TO GRADE 5 MATH STANDARDS**

FOURTH GRADE MATH

The following goals are at the core of our Fourth grade curriculum. Please note that these are important goals, but they are not the only concepts to which students will be exposed at this grade level. Students will have a rich curriculum, and their experiences in math will introduce them to many new concepts that will deepen over time.

Operations and Algebraic Thinking

- Uses the four operations with whole numbers to solve problems.
- Gains familiarity with factors and multiples.
- Generates and analyzes patterns.

Number and Operations in Base Ten

- Generalizes place value understanding for multi-digit whole numbers.
- Uses place value and properties of operations to do multi-digit arithmetic.

Number and Operations—Fractions

- Extends understanding of fraction equivalence and ordering.
- Builds fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.
- Understands decimal notation for fractions, and compares decimal fractions.

Measurement and Data

- Solves problems involving measurement and conversion of measurements from a larger unit to a smaller unit.
- Represents and interpret data.
- Geometric measurement: understands concepts of angle and measure angles.

Geometry

- Draws and identifies lines and angles, and classifies shapes by their properties.