

## Grade 5

### Mathematics

In fifth grade, we use textbook, *Progress in Mathematics* by Sadlier. This text provides rigorous content focused on building deep conceptual understanding of key math skills and concepts. Students will develop strong foundational skills that are needed in order to be proficient in math. We use a consistent instructional approach, with stepped-out lessons, to help students gain confidence and master skills. This includes a large variety of real-world problems to help students' comprehension of these skills.

The following skills will be taught throughout the school year:

- Place Value, Addition, and Subtraction
- Addition and Subtraction of Decimals
- Multiplication
- Division
- Number Theory and Fractions
- Addition and Subtraction of Fractions
- Multiplication and Division of Fractions
- Probability and Statistics

### Science

In fifth grade we use the textbook, *Elevate Science* by Savvas Realize, formerly known as Pearson. This text is used in conjunction with an online supplement version of the text, which includes a digital version of the textbook, online labs and activities to help foster what is discussed in the text using real-world examples. The Elevate Science program is an inquiry based curriculum that encourages students to use their own ideas and processes to problem solve, critically think, and generate their own questions.

The following topics will be discussed throughout the school year:

- Properties and Changes of Matter
- Earth's Systems
- Earth's Water
- Human Impacts on Earth's Systems
- Solar System
- Patterns in Space
- Energy and Food
- Matter and Energy in Ecosystems