

Learning Outcomes for Grade 5  
December 2019

**Math: Standards:**

- 5.NBT.B.7 Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.
- 5.NF.A.1 Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators.
- 5.NF.A.2 Solve word problems involving addition and subtraction of fractions referring to the same whole, including cases of unlike denominators, e.g., by using visual fraction models or equations to represent the problem. Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers

**Reading: Standards: 5R5**

- **Literature Standard:** In literary, explain how a series of chapters, scenes, or stanzas fits together to determine the overall structure of a story, drama, or a poem.
- **Informational Standard:** In informational text, compare and contrast the overall structure in two or more texts using terms such as sequence, comparison, cause/effect and problem/solution.

**Writing: Standard:**

- 5W2 Write informative and explanatory texts to explore a topic and convey ideas and information relevant to the subject.

**Academic Vocabulary:**

- Justify, Prompt, Significant

**Social Studies: Standards:**

- 5.4 Major social, political, economic, and cultural shift in Europe resulted in an Age of Exploration and Encounter in the 15<sup>th</sup> century that brought explorers, European settlers, and Africans to North and South America and changed people's understanding of the world.
- 5R3 In informational text, compare and contrast the overall structure in two or more texts using terms such as sequence, comparison, cause/effect and problem/solution.

**Science:**

- Describe the properties used to identify and classify minerals.
- Compare and contrast igneous, sedimentary, and metamorphic rocks.

### **Technology with Miss Rappo**

- **CCSS.ELA-Literacy. W.5.6**

With guidance and support from adults, use technology including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of two pages in a single sitting.

### **Physical Education**

- Standard 1 - Personal Health and Fitness
- Standard 2 - A Safe and Healthy Environment
- Standard 3 - Resource Management

### **Music**

- Students apply understanding of elements of music through performance activities.
- Students build and apply vocal and instrumental (percussion) technique.
- Students identify music in elements, notation, vocabulary, genre and style.