

Learning Outcomes for Grade 5
November 2019

Math: Standards:

- 5.NBT.A.2 Explain patterns in the number of zeros of the product when multiplying a number by powers of 10, and explain patterns in the placement of the decimal point when a decimal is multiplied or divided by a power of 10. Use whole-number exponents to denote powers of 10.
- 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.NBT.B.6 Find whole number quotients of whole numbers with up to four digit dividends and two digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate the calculation by using equations, rectangular arrays, and/or area models.

Reading: Standards: 5R2

- **Literature and Informational Standard:** Determine a theme or central idea and explain how it is supported by key details; summarize a text.

Writing:

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

Academic Vocabulary:

- Excerpt, Argument, Delegate, Ratify

Social Studies: Standards:

- 5R2 Determine a theme or central idea and explain how it is supported by key details; summarize a text.
- 5.3 Over time, different ethnic, religious, and national groups including Native Americans, have contributed to the cultural diversity of the nations and regions in North and South America by sharing their customs, beliefs, ideas, and language

Science:

- Classify Earth's physical features including landforms and features of the ocean floor.
- Define Earth's layers.
- Define the model of plate tectonics.
- Discuss the causes of earthquakes.
- Describes the formation of volcanoes.
- Describe weathering.
- Discuss the relationship between erosion and deposition.

Science Lab:

- Designing Scientific Investigations
- Identifying independent, dependent, and constants in a simple controlled experiment.
- Collect quantitative and qualitative data

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.