

Learning Outcomes for Grade 5  
September 2019

**Math: Standards:**

- 5.NBT.A.1 Recognize that in a multi-digit number, a digit in one place represents 10 times as much as it represents in the place to its right and  $1/10$  of what it represents in the place to its left.
- 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.A. 3a Read and write decimals to thousandths using base-ten numerals, number names, and expanded form, e.g.,  $347.392 = 3 \times 100 + 4 \times 10 + 7 \times 1 + 3 \times (1/10) + 9 \times (1/100) + 2 \times (1/1000)$ .
- 5.NBT.A.3.b Compare two decimals to thousandths based on meanings of the digits in each place, using  $>$ ,  $=$ , and  $<$  symbols to record the results of comparisons.
- 5.NBT.A.4 Use place value understanding to round decimals to any place.
- 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.

**Reading: Standards: 5R3**

- **Literature Standard:** In literary texts, compare and contrast two or more characters, settings, and events, drawing on specific details in the text
- **Informational Standard:** In Informational texts, explain the relationships or interactions between two or more individuals, events, ideas, or concepts based on specific evidence from the text.

**Writing:**

- 5W1 Write an argument to support claims with clear reasons and relevant evidence.
- 5W6 Conduct research to answer questions, including self-generated questions, and to build knowledge through investigation of multiple aspects of a topic using multiple sources.

**Academic Vocabulary:**

- Review all words from 4<sup>th</sup> grade

**Social Studies: Standards:**

- 5.1 The Western Hemispheres, comprised of North and South America, has an expansive and varied geography comprised of different regions, physical features, climates, and human communities.

### **Science:**

- Describe what scientific inferences, observations, experiments, theories, and laws are and how they are used in science.
- Describe how science and technology are related.

### **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.

- To review and demonstrate the computer lab routines
- To recall the importance of Internet Safety
- To go over the proper keyboarding finger positions
- To review Microsoft PowerPoint

### **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.