

# Hatboro-Horsham School District Elementary Progress Report

## Content Taught and Assessed During Grade 5, Trimester 2

This supplement is to help families connect student ratings on the progress report standards to the content being taught. Teachers sometimes alter the sequence of the curriculum during the year to meet specific classroom needs and they can address questions you may have in that regard.

English Language Arts	Mathematics
<p><b><u>Reading</u></b></p> <p>Comprehends what is read</p> <ul style="list-style-type: none"> <li>Identifies genre, story structure, theme, point of view, main idea, and text structure</li> <li>Identifies characters, setting, plot/sequence, and cause/effect</li> <li>Determine a theme of a text form details</li> <li>Cite textual evidence by quoting accurately as well as make inferences</li> <li>Draw on information from multiple print or digital sources</li> <li>Explain how chapters, scenes, or stanzas fit together to provide structure</li> <li>Reads fluently</li> </ul> <p>Understands vocabulary</p> <ul style="list-style-type: none"> <li>Identifies context clues, homographs, idioms, root words, prefixes/ suffixes, simile and metaphor, and personification</li> <li>Determine the meaning of words and phrases</li> <li>Acquire and use conversational, general academic and domain specific words and phrases</li> </ul> <p><b><u>Writing</u></b></p> <ul style="list-style-type: none"> <li>Focus- Establishes purpose of writing and stays on topic</li> <li>Content- Provides relevant details to inform writing</li> <li>Organization- Sequence ideas logically</li> <li>Style- Uses sentence variety / Complete sentences</li> <li>Conventions- Capitalization, punctuation, grammar and spelling</li> </ul>	<p><b><u>Numbers &amp; Operations in Base Ten</u></b></p> <ul style="list-style-type: none"> <li>Understands that in a multi-digit number such as 4,587,934 each digit represents 10 times what it represents in the place to its right, and one-tenth what it represents in the place to its left</li> <li>Explains patterns in the number of zeros in the answer when multiplying by powers of 10 and in the placement of the decimal point when multiplying or dividing by powers of 10</li> <li>Reads and writes decimals to thousandths using numbers, words, and expanded notation</li> <li>Compares pairs of decimal numbers and uses <math>&gt;</math>, <math>=</math>, and <math>&lt;</math> symbols to record the comparisons</li> <li>Rounds decimals to the nearest ten, one, tenth, or hundredth</li> <li>Uses the standard algorithm to multiply multi-digit whole numbers</li> <li>Uses models and strategies to divide 2-, 3-, or 4-digit numbers by 2-digit numbers, with and without remainders</li> <li>Uses models and strategies to add, subtract, multiply and divide decimals to hundredths</li> </ul> <p><b><u>Numbers &amp; Operations - Fractions</u></b></p> <ul style="list-style-type: none"> <li>Uses models and strategies to multiply a whole number by a fraction, e.g., <math>36 \times \frac{1}{4} = 9</math>, and a fraction by another fraction, e.g., <math>\frac{3}{4} \times \frac{6}{8}</math></li> <li>Multiplies fractional side lengths to find areas of rectangles, and represents fraction by fraction multiplication as rectangular areas</li> <li>Can explain patterns in fraction multiplication about the size of the product when multiplying by fractions smaller and larger than one</li> <li>Uses models and strategies to divide a unit fraction by a whole number, and a whole number by a unit fraction</li> <li>Solves story problems that involve dividing a unit fraction by a whole number and vice versa</li> </ul> <p><b><u>Measurement and Data</u></b></p>

	<ul style="list-style-type: none"> <li>• Converts among different-sized measurement units within a given measurement system and solves related word problems</li> <li>• Makes a line plot to a data set of measurements in fractions of a unit (<math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{8}</math>), and solves related problems</li> </ul>
<b>Science</b>	<b>Social Studies</b>
<ul style="list-style-type: none"> <li>• Understand the relationships between an organism and its environment</li> <li>• Identify how humans can change environments</li> <li>• Design an investigation to study a preferred environment; its range of tolerance and optimum conditions for growth and survival.</li> <li>• Identify terrestrial and aquatic organisms</li> <li>• Demonstrate knowledge of the range of tolerance for early growth of seeds and hatching brine shrimp.</li> <li>• Analyze data to develop models of environmental changes.</li> <li>• Understand how animals use their sense of hearing to detect and interpret sounds</li> </ul>	<ul style="list-style-type: none"> <li>• Understand the timeline and chronology of people, exploration, and events that characterized the first interactions between indigenous people and Europeans in the pre-colonial United States.</li> </ul>