

Fifth Grade: What Will They Learn?
Reading and Math
(This list is not all inclusive.)

READING

- ✚ Apply more complex phonics skills to reading passages.
- ✚ Use comprehension skills in reading including but not limited to:
 - Determining sequence of events
 - Comparing and contrasting
 - Skimming passages
 - Inferring motive
 - Recognizing use of personification (giving human characteristics to objects)
 - Determining cause and effect
 - Using self monitoring strategies
 - Using previewing and predicting strategies
- ✚ Compose expository texts with introductory paragraph, minimum of three supporting reasons, and a conclusion.
- ✚ Apply mechanics in writing including punctuation and capitalization, quotations, titles, apostrophes, commas
- ✚ Demonstrate knowledge of grammar and usage concepts (subject-verb agreement, verb tenses, adjectives, objects, and possessive pronouns)

MATH

- ✚ Write and interpret numerical expressions.
 - Use parentheses, brackets, and braces in numerical expressions
- ✚ Analyze patterns and relationships.
 - Generate two patterns; form ordered pairs and graph the pairs on a coordinate plane
- ✚ Understand the place value system.
 - Explain patterns in the product; explain patterns in the placement of the decimal point; use whole numbers exponents to denote powers of 10.
 - Read, write, and compare decimals to thousandths. Use base-ten numerals, number names, and expanded form.
 - Compare two decimals to thousandths using $<$, $>$, and $=$ symbols.
 - Round any number to any place.

- ✚ Perform operations with multi-digit whole numbers and with decimals to hundredths.
 - Fluently multiply multi-digit numbers.
 - Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors.
 - Add, subtract, multiply, and divide decimals to hundredths.

- ✚ Use equivalent fractions as a strategy to add and subtract fractions.
 - Add and subtract fractions with unlike denominators.
 - Solve word problems involving addition and subtraction of fractions.

- ✚ Apply and extend previous understandings of multiplication and division to multiply and divide fractions.
 - Interpret a fraction as division of the numerator by the denominator and solve problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers.
 - Find the area of a rectangle with fractional side lengths.
 - Interpret multiplication as scaling (resizing).
 - Solve real-world problems involving multiplication of fractions and mixed numbers.
 - Apply and extend previous involving of division to divide unit fractions by whole numbers and whole numbers by unit fractions

- ✚ Understand basic United States history, geography, economics, and government.

- ✚ Understand the major topics of physical, life, and earth sciences in greater depth.