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

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

Apply and extend previous understandings of multiplication and division to multiply and divide fractions.
  o 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.
  o Find the area of a rectangle with fractional side lengths.
  o Interpret multiplication as scaling (resizing).
  o Solve real-world problems involving multiplication of fractions and mixed numbers.
  o 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.