

# Fifth Grade Expectations - I Can Statements



## Language Arts

### **Phonics**

1. use prefixes, suffixes, and base words to figure out new words.

### **Comprehension**

#### **Fiction**

1. use the information from my reading and what I know to draw conclusions and make inferences.
2. identify the author's purpose.
3. use character traits to explain how a character has changed.
4. ask questions about the story to understand it better.

#### **Non-fiction**

1. use information from my reading and what I know to draw conclusions.
2. use information from my reading and what I know to explain the author's point of view.
3. summarize the information from the text in my own words.
4. ask questions about the information to understand it better.
5. tell if the author's purpose is to entertain, inform, or persuade.

### **Fluency**

1. read a grade level passage out loud with appropriate phrasing, expression, and rate.
2. change my reading rate when I read nonfiction, challenging text, or out loud.

### **Vocabulary**

1. understand and use 5<sup>th</sup> grade vocabulary words.
2. use context clues, word structure, denotation and connotation, and other strategies to help me understand the meaning of words.
3. tell how prefixes and suffixes change the meaning of a word.
4. find and understand figurative language as I read.

### **Writing Process**

1. explain and use the five stages of the writing process.
2. write in different styles for different purposes.
3. evaluate my own writing.
4. evaluate my classmate's writing.

### **Conventions of Writing**

1. use appropriate spelling, punctuation, grammar, and usage for my grade level.
2. write my letters correctly in cursive.

### **Research Writing**

1. identify, select, and evaluate sources of information.
2. summarize information from a text in my own words.
3. use and apply text features in my own writing.
4. cite the sources I used to research.

### **Listening**

1. think about, evaluate, and respond to oral information.

### **Speaking**

1. present information to entertain, inform, give directions, or persuade.
2. make my presentation match the audience, occasion, and purpose.

### **Viewing**

1. think about, evaluate, and respond to information from a variety of media.

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## Science

### **Life Science**

1. identify environmental factors and how changes to the environment can be helpful or harmful.
2. explain and give examples of preferred and optimum environments for living organisms.
3. compare and contrast major biomes of the world.

### **Inquiry**

- 1a. use a science notebook to ask questions, record, and label my data on tables and graphs.
- 1b. use data to make predictions and explain relationships.
2. plan and safely carry out science experiments.
3. use appropriate scientific tools and mathematics to collect and interpret data.
4. explain why only one variable is changed during in an investigation and the importance of repeating the

- investigation.
5. use evidence to give a reasonable explanation for the experiment results.
6. compare and contrast group results with class data.

### **Physical Science**

1. use tools to accurately measure liquids and solids and graph results.
- 2a. explain and give examples of separating mixtures.
- 2b. explain and give examples of solutions and saturation.
- 2c. explain and give examples of concentration of solutions.
- 2d. identify when a chemical reaction has happened.
3. build a system and explain how changing one variable at a time affects the outcome of the system.
4. explain and give examples of how forces affect the motion of an object.

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## Math

### **Number and Operation**

1. add and subtract fractions and decimals.
- 2a. multiply 2 and 3-digit numbers by a 1 or 2-digit number.
- 2b. divide a 2 or 3-digit number by a 1 or 2-digit number.
3. explain the value of a digit in the thousandths place.
4. order fractions and decimals by comparing and finding equivalent fractions and decimals.
5. convert among fractions, decimals, and percents.

### **Algebra**

1. replace a letter with a number to solve a number sentence.
2. write a number sentence explaining what rule is being used (ei: In/Out Box).

### **Data**

- 1a. make a line plot from a set of numbers.
- 1b. analyze a line plot.
2. interpret a data set by finding its median, mode, and range.

### **Geometry**

1. create and/or identify 3 types of angles – acute, obtuse, and right.
2. measure angles within  $2^\circ$ .
- 3a. use two numbers (a coordinate pair) to plot a point on a coordinate graph's first quadrant.
- 3b. write a coordinate pair from a point on a graph's first quadrant.

### **Measurement**

1. measure an object to the nearest  $\frac{1}{8}$  of an inch using a ruler.
2. find the area of rectangles, parallelograms, and triangles.

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## Math cont.

### **Problem Solving**

- 1a. use what I know about math to make sense of and solve a variety of problems.
- 1b. stick with a problem until I have a solution.
- 2a. explain how I solved a problem verbally and in writing.
- 2b. check to see if my work is reasonable and complete.

## Social Studies

### **Behavior Science**

1. explain why societies change.
2. give examples of how individuals and groups depend on each other.
3. read and use primary and secondary source material to show how societies change.
4. connect current events to what I know about the past.
5. explain how a culture develops as people build a way of life that works for them.

### **Economics**

1. give examples of why people trade what they have too much of to get that they need.
2. interpret why people from one area trade with people from another area.
3. illustrate how technology affects society and its growth.

### **Geography**

1. use a map, globe, charts, and computer programs to locate and learn about people, places, and environments.
2. give examples of how the available natural resources help shape people's way of life.

### **History**

1. explain how and why groups of people migrate, settle, and explore the expanding frontier.
2. give examples of how and why people create governments to help them build lasting settlements.
3. describe how cultures adapt because of the movement of people, places, and ideas
4. explain how one person can have a big impact on a community.
5. explain the difference and relationship between individual and group needs and wants.
6. explain how historical events are affected by geography.
7. explain how people's actions can shape history.

### **Political Science / Civic Literacy**

1. give examples of individuals who helped shape their societies.
2. explain how our current government is based on the Constitution.
3. explain the purpose and function of the three branches of government.