

## SAU9 Second Grade Competencies Explained

*Competency refers to a student's ability to transfer and apply knowledge and skills in and across content areas. They represent the big ideas and are assessed at multiple times over the course of a school year. Below is an overview of the different competencies (in bold), as well as some of the related standards.*

### LITERACY

**Foundational Reading** – Students will read to make meaning while using a variety of strategies. They will be able to:

- Apply grade level phonics and word analysis skills to decode words including distinguishing between long and short vowel sounds, identifying vowel teams and common suffixes and prefixes
- Read grade appropriate sight words and irregularly spelled words
- Read accurately with appropriate rate and expression, self-correcting and rereading when necessary

**Reading Literary and Informational Texts** – Students will make meaning of increasingly complex literary and informational print and non-print texts, and provide text details to explain interpretations and thinking. They will be able to:

- Ask and answer questions about key details and ideas in texts
- Recount stories from diverse cultures and identify central messages
- Describe how characters respond to major events
- Describe how words and phrases provide rhythm and meaning
- Compare and contrast different versions of the same story and two different texts on the same topic
- Identify the main topic of a paragraph, including what the author wants to answer, explain or describe
- Determine the meanings of unknown words and phrases
- Use text features to locate information (glossary, captions, headings)
- Describe reasons that support different points an author makes

**Writing** – Students will write effectively for a variety of purposes and audiences. They will be able to:

- Write opinion pieces introducing the topic, stating an opinion, supplying reasons, using linking words, and providing closure
- Write informative texts naming a topic, use facts and definitions to develop points and provide a conclusion

- Write narratives that recount a well-elaborated event, include details to describe actions, thoughts and feelings, use temporal words to signal order and provide a sense of closure
- With support, strengthen writing through revision and use digital tools to produce and publish writing

**Language** – Students will demonstrate command of conventions of standard English grammar and usage in writing and speaking. They will be able to:

- Demonstrate command of capitalization, punctuation, spelling and usage (irregular plurals, irregular past tense, adjectives, adverbs, and different types of sentences)
- Determine and clarify the meanings of words and phrases, and use those words when speaking and writing

**Speaking and Listening** – Students will engage in collaborative conversations with peers and adults. Students will be able to:

- Participate in conversations in small and large groups
- Recount ideas and details from a text read aloud
- Ask and answer questions about what a speaker says
- Create audio recordings of stories or poems; add drawings or other visual displays to stories or recounts of experiences when appropriate to clarify ideas, thoughts, and feelings.

### MATHEMATICS

**Symbolic Expression** – Students will reason abstractly and quantitatively, making appropriate use of mathematical symbols. Students will be able to:

- Use addition and subtraction within 100 to solve one and two-step word problems using objects, drawings, and equations while demonstrating understanding of place value
- Compare two and three-digit numbers using  $<$ ,  $>$ , and  $=$

**Numbers and Number Systems** – Students will demonstrate an understanding of the nature of numbers, thinking flexibly and attending to precision. They will be able to:

- Demonstrate an understanding of hundreds, tens and ones
- Count within 1000; Skip count by 5s, 10s, 100s

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- Write numbers to 1000 using standard, word and expanded forms
- Differentiate between odd and even numbers

**Reasoning and Computational Strategies** – Students will apply reasoning and using multiple strategies to solve problems. Students will be able to:

- Use mental strategies to add and subtract within 20
- Fluently add and subtract within 100; use models to add and subtract within 1000 understanding it is sometimes necessary to compose and decompose numbers
- Solve problems involving time and money

**Measurement** – Students will use standard and nonstandard tools, units, and attributes to describe and compare objects, and solve problems. Students will be able to:

- Measure, estimate, and compare lengths, in inches, feet, centimeters, meters, and yards using appropriate tools
- Tell time on digital and analog clocks to the nearest five minutes

**Geometry** – Students will recognize and use attributes of two- and three-dimensional figures to solve problems. Students will be able to:

- Recognize attributes of shapes such as number of angles, faces,
- Identify triangles, quadrilaterals, pentagons, hexagons, and cubes
- Split circles and rectangles into equal shares (halves, quarters, thirds)

**Data Analysis, Probability and Statistics** – Students will gather, represent and interpret data, asking questions and organizing the data with up to four categories using line plots, bar graphs, and pictographs.

### SOCIAL STUDIES

**Civics and Government** – Students will be able to describe the roles of people in the community, the need for rules, basic democratic principles and how people can work together to make decisions or solve problems.

**Geography** – Students will understand that maps are tools that convey information. They will construct maps, graphs and other representations of familiar places, describing places and relationship among them..

**History** – Students will apply and demonstrate knowledge of events, individuals, symbols, and groups that affect the community. They will sequence events chronologically, compare the present to the past, and compare different accounts of the same event.

### SCIENCE

**Students will demonstrate their understanding of scientific concepts and how they are connected through the application of science and engineering practices.** They will study topics relating to Earth, Physical and Life sciences.

- Earth Science: How wind and water cause changes to the Earth
- Physical Science: How to analyze and classify different properties of matter and their relation to their use
- Life Science: Relationships in ecosystems including needs, structures and function of plants, and diversity in different habitats

### RESEARCH

With support, students will develop and present shared research and projects, gathering information from various experiences and sources.

### WORK STUDY PRACTICES

**Communication** – Students will be able to share their work using a variety of tools, ask questions to learn more and ask for help when needed.

**Creativity** – Students take risks in their learning, listening to and respecting the ideas of others, gathering information from various sources, and completing a job.

**Collaboration** – Students can work with a group and complete a job. They can listen to others, respecting their ideas, and also express their own ideas.

**Self-Direction** - Students can work through a challenge, setting goals, asking for help, and identifying areas for improvement.