

SAU9 Third 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 skills to decode multisyllable words, identifying and knowing the meanings of common prefixes and suffixes, and reading grade appropriate irregularly spelled words
- Read accurately and purposefully 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 support interpretations and analyses. They will be able to:

- Ask and answer questions referring specifically back to the text
- Distinguish their own point of view from that of the author of a text
- Determine the meanings of unknown words and phrases, also describing how words and phrases provide rhythm and meaning
- Compare and contrast themes, settings and plots in stories with the same author and characters, and texts written on the same topic
- Identify the main topic of a text, explaining how details support it
- Use text features to locate information (hyperlinks, illustrations)

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

- Write opinion pieces on familiar topics/texts, supporting point of view with reasons with appropriate development and organization
- Write informative texts to examine a topic and convey ideas and information clearly with appropriate development and organization
- Write narratives to develop real or imagined experiences or events using descriptive details, and clear event sequences
- Strengthen writing through planning, revision and editing
- Use technology to collaborate on and 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:

- Form regular and irregular verbs appropriately
- Capitalize words in titles
- Use spelling patterns and generalizations
- Determine the meanings of words and phrases, and choosing to use those words when speaking and writing for effect

Speaking and Listening – Students will initiate and effectively participate in a range of discussions, critically listening and speaking effectively, clearly and persuasively. They will be able to:

- Ask questions to check understanding, stay on topic, express their own relevant ideas, and link comments to the remarks of others
- Determine main ideas and supporting details of a text read aloud or information presented in diverse media and formats
- Report clearly on a topic/text, tell a story, or recount an experience with appropriate facts and relevant, descriptive details, at an understandable pace by speaking publicly or using multimedia

MATHEMATICS

Symbolic Expression – Students will reason abstractly and quantitatively, recognizing and using mathematical symbols and expressions for a variety of purposes, including variables. Students will be able to:

- Demonstrate an understanding of fractions, represent them on a number line and compare them
- Represent and solve problems using multiplication and division

Numbers and Number Systems – Students will demonstrate an understanding of numbers, thinking flexibly and attending to precision to solve whole number, fraction, and decimal problems. They will be able to:

- Use place value and operation properties to perform arithmetic
- Round whole numbers to the nearest 10 or 100
- Develop understanding of and compare fractions

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

- Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction

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- Demonstrate the relationship between multiplication and division
- Multiply one-digit whole numbers by multiples of 10 in the range 10-90 (e.g., 9×80 , 5×60)
- Represent and solve multiplication and division problems within 100

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

- Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects
- Understand concepts of area, relating it to multiplication and addition
- Recognize and solve problems relating to perimeter and area

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

- Categorize shapes by attributes
- Partition shapes into equal areas

Algebraic Functions, Patterns and Relations – Students will solve problems involving the four operations, and identify and explain patterns in arithmetic.

Data Analysis, Probability and Statistics – Students will draw a scaled picture graphs bar graphs to represent a data and use it to solve problems.

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 to organize data related to weather to describe climate and plan solutions that reduce the impacts of weather hazards
- Physical Science: The effects of balanced and unbalanced forces on the motion of an object and the cause and effect relationships between electric or magnetic interactions
- Life Science: How and why organisms are different from one another and how they are affected by their environments

SOCIAL STUDIES

Civics and Government – Students will examine and compare rules and responsibilities as members of a community. They will learn how they can actively solve problems in their classroom, school, or local community.

Geography – Students will be able to understand that maps are tools that convey information. They will understand the ways in which geographic features influence life.

History – Students will apply and demonstrate knowledge of major eras, individuals and/or groups who have made a profound impact on others or events.

RESEARCH

Students will conduct short research projects that build knowledge, recalling information from experiences or gathering information from print and digital sources. They will take brief notes on sources and sort evidence into provided categories.

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.

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, identifying areas for improvement, and completing a job.