

Science

Grade 5 students will understand:

- Atoms are the basic building blocks of matter and can be classified according to their properties. Atoms can combine to make different substances. When atoms combine there is a chemical change.
- The state of matter is directly related to the amount of energy which changes the relative position and motion of atoms/molecules.
- The cell is the basic unit of life and is classified based on its structure. Cell structure can be used to classify living things.
- Plant cells are organized into systems. Plant systems allow plants to produce their own energy and reproduce. Traits are passed from parents to offspring.
- Earth is a dynamic system undergoing change. Based on evidence, scientists have developed a theory to explain the structure of earth, how mountains form and why earthquakes and volcanoes occur. Because earth is dynamic, rocks and minerals cycle through the system. Rocks can be classified according to their properties.



Social Studies

Grade 5 students will know and understand:

Colonization of America

- The interactions between European colonists and established societies in North America
- Influential individuals and political/cultural groups (including American Indians) and their impact on American history
- How the establishment of the 13 original colonies contributed to the founding of the nation
- The religious, political, and economic motives of voluntary European immigrants to the U.S.
- Different kinds of maps, globes, graphs, charts, databases, and models to display and obtain information
- The regions of the U.S. and their resources
- Latitude and longitude coordinates to find specific locations on a map

Forming a Nation

- The concepts of tariffs, taxation, and embargo
- Economic policies of England which contributed to the revolt in the North American colonies
- The impact of taxation on personal finance
- The important concepts in the Declaration of Independence
- The significance of the Articles of Confederation as the transitional form of government
- The basic principles of the U.S. Constitution and Bill of Rights
- Compare responsibilities among state, national, and tribal governments in a federal system identifying key people and their roles
- The three branches of government and the functions and powers of each
- The personal responsibilities and basic rights of individual freedoms which belong to American citizens and ways in which citizens participate in public life
- The U.S. is a democratic republic and the difference between a direct democracy and a constitutional (representative) democracy
- The world is divided into many different nations and each has its own government
- Define a nation using the concepts of territory, people, laws and government
- The U.S. is one nation and how it interacts with other nations in the world
- How nations try to resolve problems

A Nation Divided and Reconstructed

- The history of indentured servitude and the slave trade in the U.S.
- The motives of the major groups and significant individuals who participated in westward expansion
- The impact westward expansion had on American Indians
- The causes and outcomes of the Civil War
- Examples of improved transportation and communication networks and how they encourage economic growth



Grade Level Expectations



Grade 5

West Ada School District

*1303 East Central Drive
Meridian, Idaho 83642
208-855-4500*



Message from Administration to Parents

This guide provides an overview
of what your child will learn by
the end of fifth grade.

Please check our website for
more detailed information.

www.westada.org

Learning does not end in the classroom. Children need help and support at home to succeed in their studies. Try to create a quiet place for your child to study, and carve out time every day when your child can concentrate on reading, writing, and math uninterrupted by friends, brothers or sisters, or other distractions.

You should also try and sit down with your child at least once a week for 15 to 30 minutes while he or she works on homework. This will keep you informed about what your child is working on, and will help you be the first to know if your child needs help with specific topics. By taking these small steps, you will be helping your child become successful both in and outside the classroom.

English/Language Arts

Grade 5 students will understand:

- Determine the theme of a story, play, or poem, including how characters respond to challenges
- Compare and contrast stories dealing with similar themes or topics
- Explain how authors use reasons and evidence to support their points or ideas
- Draw on information from multiple books, articles, or online sources to locate an answer or to solve a problem quickly
- Learn the rules of spoken and written English
- Learn and use new words, including words related to specific subjects (such as science words)
- Understand, analyze, and use figurative language
- Participate in class discussions by listening, asking questions, sharing ideas, and building on the ideas of others
- Give a class presentation on a topic or telling a story, introducing relevant facts and details in a clear, logical order
- Write research or opinion papers over extended periods of time

Math

Grade 5 students will:

- Write and interpret numerical expressions with parenthesis, brackets, or braces
- Analyze patterns and relationships
- Understand the place value system
- Perform operations with multi-digit whole numbers and with decimals to hundredths
- Use equivalent fractions as a strategy to add and subtract fractions
- Apply and extend previous understandings of multiplication and division to multiply and divide fractions
- Convert like measurement units within a given measurement system
- Represent and interpret data
- Understand concepts of volume and relate volume to multiplication and to addition
- Graph points on the coordinate plane to solve real-world and mathematical problems
- Classify two-dimensional figures into categories based on their properties

