

Social Studies

Social Studies is divided into four strands that include: civics, economics, geography, and history. In Fifth Grade, these strands are studied through the following units of study:

- US History; Colonization to Independence
- Native People of North & South America
- Map Skills

Through these units, students will gain content knowledge as well as an understanding of concepts, skills, and processes that include the following:

- Compare and contrast the three distinct English Colonies that developed in North America.
- Realize how lifestyle differences led to the American Revolution and the eventual formation of an independent nation, the United States of America.
- Examine the growth of the United States as more and more Americans moved westward.
- Study the events that took place in America during the Reconstruction period, settlement of the Great Plains, and the Industrial Revolution.
- Demonstrate an understanding of the nation's geography through regional and individual state study.
- Utilize map and globe skills to locate major oceans, continents, states, and their capitals.
- Demonstrate an understanding of the Economy of the United States.

Science

Science is divided into three primary areas: life, earth, and physical sciences. In Fifth Grade, the areas are studied through the following units of study:

- Weather
- Matter and Electricity
- Astronomy
- Ecology

Through these units, students will gain content knowledge as well as an understanding of the concepts, skills, and processes that include the following:

- Earth's atmosphere and the processes that create local and regional weather, and weather tools.
- Local and regional weather conditions, and the prediction of weather through weather tools.
- Earth's meteorological processes and their impact on our everyday lives.
- History of space exploration.
- Earth, Moon, Sun relationships, and the causes of day, night, seasons and tides.
- Constellations and the use of astronomy tools.
- Atoms, elements and the Periodic Table and basic energy conversions.
- The importance of ecology.

Our mission is to be a continuously improving, learning community, providing quality services to enable all children to master the knowledge and competencies necessary to function skillfully throughout life.



Curriculum Brochure Fifth Grade

Windham School District School Administrative Unit 95

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English Language Arts

English Language Arts (ELA) is comprised of four areas: reading, writing, language, and speaking & listening. Within these four areas are many categories. When all brought together, these standards encompass student literacy.

Reading:

- Read fiction and non-fiction texts closely to find main ideas and details in text, referring to them when talking or writing about the text.
- Identify and critique an author's point of view and look critically at information and evidence and its source.
- Integrate information read in many formats (textbooks, literature, magazines, Internet) to answer questions and form opinions.

Writing:

- Write summaries that include details and facts based on text that has been read independently.
- Write extended opinion, informational, and narrative pieces with details and proper grammar, spelling, and punctuation over time and several paragraphs in length.
- Use a computer to produce writing pieces.

Language:

- Use vocabulary specific to content areas such as “photosynthesis” and “equation.”
- Produce complex sentences in order to express meaning or entertain the reader.

Speaking and Listening:

- Paraphrase information and analyze a speaker's evidence during discussions.
- Actively participate in classroom discussions by being prepared and thoughtful about the topic being covered.
- Retell information or ideas learned from media and books through formal presentations, using multi-media to support the presentation.

Mathematics

In Fifth Grade, instructional time will focus on three critical areas to include developing fluency with addition and subtraction of fractions, and developing understanding of the multiplication and division of fractions; integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths; and developing understanding of volume. Additional time will be spent on the following skills and understandings:

- Write and interpret numerical expressions.
- Convert like measurement units within a given measurement system (e.g. 32 ounces = 2 pounds, 16 ounces = 2 cups).
- Represent and interpret data line plots.
- 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.

Unified Arts

The Center School Fifth Grade curriculum is supported by our Unified Arts Team of teachers in Art, Music, Physical Education, and Library. Our students meet weekly with our UA teachers to enhance their educational experience.

- **Art**-1 Class Period Per Week
- **Music**-1 Class Period Per Week
- **P.E.**-2 Class Periods Per Week
- **Library**-1 Class Period Per Week