



SOCIAL STUDIES

In fifth grade social studies, your child will learn:

HISTORY. Students:

- Explain causes and effect of European colonization
- Summarize how conflict between the American colonies and Great Britain led to American independence
- Describe events that led to the creation of the U.S. Constitution
- Identify important social changes of the 19th century and the Civil War
- Describe important issues, events, and individuals of the 20th century

GEOGRAPHY. Students:

- Use geographic tools to collect, analyze, and interpret data
- Describe political, economic, and physical regions in the United States
- Explain the location and patterns of settlement and the geographic factors that influence where people live in the United States
- Describe how people in the United States adapt and modify their environment

ECONOMICS. Students:

- Explain basic economic patterns of early societies in the United States
- Identify economic motivations for exploration and colonization
- Describe the characteristics and benefits of the free enterprise system in the United States
- Explain patterns of work and economic activities in Texas

GOVERNMENT. Students:

- Identify examples of representative government in the American Colonies
- Identify important ideas in the Declaration of Independence and the U.S. Constitution

CITIZENSHIP. Students:

- Explain important customs, symbols, and celebrations that represent American beliefs
- Explain the importance of individual participation in the democratic process
- Identify leaders of the national government
- Summarize fundamental rights of American citizens

CULTURE. Students

- Explain the relationship between the arts and the times during which they were created
- Identify the contributions of people of various racial, ethnic, and religious groups to the United States

SCIENCE, TECHNOLOGY, AND SOCIETY. Students

- Describe the impact of science and technology on life in the United States

SOCIAL STUDIES SKILLS. Students

- Apply critical-thinking, skills, communicate effectively, and use problem-solving and decision-making processes



SCIENCE

In fifth grade science, your child will learn:

FIELD AND LABORATORY INVESTIGATIONS. Students:

- Demonstrate safe, environmentally appropriate, and ethical practices
- Learn to use and conserve, dispose and recycle resources

SCIENTIFIC INQUIRY. Students:

- Plan and implement investigations, ask well-defined questions, formulate hypotheses, select and use equipment, collect, analyze and interpret information, observe and measure, and communicate valid conclusions
- Construct graphs, maps, charts to organize and evaluate information

CRITICAL THINKING, PROBLEM SOLVING, AND DECISION-MAKING SKILLS. Students:

- Analyze scientific explanations as to strengths and weaknesses
- Draw inferences on promotional materials
- Represent the natural world using models
- Evaluate research on scientific thought, society, and the environment
- Connect concepts with history of science and contributions of scientists

TOOLS AND MODELS. Students:

- Use scientific methods and tools, including sound recorders, computers, hand lenses, thermometers, compasses, balances, magnets,
- Meter sticks, collecting nets, and safety goggles to collect information
- Show that repeated investigations may increase reliability of results

SYSTEMS, CYCLES, AND CHANGE. Students:

- Describe cycles, structures, interactions, and processes found in systems and life cycles
- Identify events and describe changes that occur on a regular basis and the significance of water, carbon, and nitrogen cycles

MATTER AND ENERGY. Students:

- Investigate physical states of matter
- Describe light, sound, heat, and electricity as forms of energy
- Demonstrate how some mixtures and solutions maintain physical properties of their ingredients
- Differentiate forms of energy including light, heat, electrical, and solar

ADAPTATION. Students:

- Explore and predict adaptations
- Describe an organism's niche within an ecosystem
- Examine traits that are inherited by offspring from their parents
- Study examples of learned characteristics

PAST AND FUTURE EVENTS. Students:

- See that growth, erosion, and dissolving are examples of past events that have affected present events

PROCESSES OF THE NATURAL WORLD—EARTH MATERIALS AND OBJECTS IN THE SKY. Students:

- Interpret how landforms develop
- Describe processes responsible for coal, gas, and minerals
- Compare physical characteristics of the Earth and Moon
- Identify gravity as a force that keeps planets and the Moon in orbits