

7th Grade



English Language Arts

Each day, read and write to learn and develop thinking skills in all content areas.

Read literature, poems, stories, and books from different cultures.



Write for pleasure and assignments.

Analyze and critique works of literature, music, art, and print/broadcast media.

Learn to use parts of a textbook, such as headings and subheadings, size of print, use of color, sidebars, table of contents, and index.

Use a variety of reference aids (dictionary, atlas, thesaurus, periodical guide, anthologies, specialized encyclopedia, and computer software) with increased skill.

Use research and writing skills to complete assigned and for-pleasure projects.

Make speeches.

Science



Use science laboratory safety guidelines.

Plan and design a research project about plants.

Write a paper about plant life based on research.

Experiment with the effect of variables such as light, heat, or water on plant growth.

Use a microscope for scientific observations.

Classify plants and animals into major groups.

Observe the life cycle of a butterfly or other animals.



Learn the systems of the human body.

Learn about the effects of heredity and the environment.

Explore how physical characteristics affect survival of plants and animals.

Test local water and soil quality using test kits.

Learn how viruses and bacteria affect genes.

Learn how vaccines prevent disease.

Design a model of a food chain.

Learn the water cycle.

Research the effects of overpopulation.

Study the career of a scientist, such as a research botanist.

You are your child's first and most important teacher. We value what you do each day to prepare your child for school. Listed below are some of the things you can expect your child to learn in Arkansas Public School 7th Grade. This is only a sample and is not intended to include everything that will be taught throughout the year.
Arkansas Department of Education

Mathematics

Interchange fractions, decimals, and percentages. Use percentages to estimate or compute taxes, tips, discounts, and other everyday applications.

Draw accurately to scale an enlarged and miniature picture of the window in your classroom.

Recognize the differences between measures of length, area, and volume; and similar uses of units, square units, and cubic units. (Use scale maps, diagrams, and similar figures to find the actual distance and area).



Collect, organize, and analyze information from experiments to make predictions based on probabilities.

Solve simple algebra word problems. Example: Develop a function in algebraic form that shows how much money is earned as a function of time worked.

Social Studies

Describe the different types of regions around the world.

Give examples of how, in different regions of the world, religion, and other belief systems influence traditional attitudes toward land use.



Examine maps of the same world area over time to determine what changes in boundaries occurred and explain why these changes occurred.

Analyze historical and contemporary economic trade networks and explain how technology affects changes in such networks.

Draw conclusions about how regional differences or similarities in religion, resources, language, political beliefs, or other factors may lead to cooperation or conflict.

Identify threatened ecosystems in the world and describe the causes and consequences of those threats.

Use maps and pictures from different periods to illustrate changes in a place due to migration.

