



First Grade Student Profile

Every day our world becomes more complex and demanding. To succeed beyond high school, students must be better prepared than at any time in the history of our state. Our expectations for our students and our schools are higher than they have ever been. To meet these expectations, the State Board of Education has adopted a curriculum for all Texas schools the Texas Essential Knowledge and Skills (TEKS).

The Texas Essential Knowledge and Skills identify what Texas students should know and be able to do at every grade and in every course in the foundation and enrichment areas as they move successfully through our public schools.

The following information summarizes the TEKS at your child's grade level in the four foundation areas of English Language Arts and Reading, Mathematics, Science, and Social Studies.

If you would like to see all of the TEKS that your child will learn, ask a teacher or principal to show you a copy; or order the TEKS from the Texas Education Agency; or, see <http://www.tea.state.tx.us/resources/curric.html>.

MATHEMATICS

In first grade mathematics, your child will learn:

NUMBER, OPERATION, AND QUANTITATIVE REASONING. Students will:

- compare and order whole numbers up to 99
- create sets of tens and ones using concrete objects
- describe values of coins and their relationships
- read and write numbers to 99
- separate a whole into parts and describe the parts of a set
- describe the parts of a set of objects
- model and write addition and subtraction sentences
- learn and apply addition facts

PATTERNS, RELATIONSHIPS, AND ALGEBRAIC. Students will:

- find patterns such as odd and even
- use place value to compare and order whole numbers
- identify fact families for addition and subtraction
- identify, describe, and extend patterns to solve problems
- skip count by twos, fives, and tens

GEOMETRY AND SPATIAL REASONING. Students will:

- sort objects by attributes using informal language
- identify shapes and solids
- combine shapes to make a new shape

MEASUREMENT. Students will:

- estimate and measure using nonstandard units
- relate the unit to size of object
- recognize reasonable temperatures
- describe time on a clock (hours, half hours)
- order events by length of time

PROBABILITY AND STATISTICS. Students will:

- collect and sort data
- construct graphs (real, picture, and bar)

- draw conclusions from graphs
- identify events as certain or impossible

PROBLEM SOLVING. Students will:

- identify mathematics in everyday situations
- use a problem-solving model, with guidance as needed

ENGLISH LANGUAGE ARTS AND READING

In first grade language arts, your child will learn:

LISTENING/SPEAKING. Students will:

- listen to gather information, solve problems, and enjoy and appreciate literature
- present dramatic interpretations of experiences, stories, poems, and plays
- participate in group discussions
- make announcements, give directions, and make introductions appropriately

READING. Students will:

- recognize the conventions of print (e.g., understand that print moves left to right, involves upper and lower case letters, and represents spoken language)
- manipulate sounds in spoken works (phonemic awareness) and understand that letters represent sounds (phonics)
- read and comprehend first-grade-level text fluently
- use graphs, charts, signs, and captions to acquire information
- find and connect ideas and themes in different books and other printed resources
- draw conclusions from information gathered
- self-select books and stories by drawing on personal interest, relying on knowledge of authors or types of texts

WRITING. Students will:

- write their own name and each letter of the alphabet
- gain increasing control of penmanship and punctuation
- compose questions, ideas, and stories
- write for different purposes, such as composing lists, letters, stories, and poems
- engage in the writing process by generating ideas before writing and developing and polishing drafts
- record or dictate questions for investigations

SCIENCE

In first grade science, our child will learn:

SCIENTIFIC INVESTIGATIONS.

Students will:

- demonstrate safe practices during classroom and field investigations
- learn how to use and conserve resources

SCIENTIFIC INQUIRY AND CRITICAL THINKING.

Students will:

- ask questions about organisms, objects, and events
- construct reasonable explanations using information
- explain a problem in their own words and propose a solution
- use tools, including hand lenses, clocks, computers, thermometers, and balances

PROPERTIES AND PATTERNS AND SYSTEMS.

Students will:

- identify, predict, and create patterns, including those in charts, graphs and numbers
- know that systems have parts and are composed of organisms and objects
- observe and describe the parts of plants and animals
- manipulate objects so that the parts are separated from the whole, which may result in the part or the whole not working

CHANGE.

Students will:

- measure change in size, mass, color, position, quantity, sound, and movement
- observe and record weather changes from day to day and over seasons
- observe stages in the life cycle of organisms in their natural environment

LIVING ORGANISMS AND NON-LIVING OBJECTS. Students will:

- group and compare living organisms and non-living objects

BASIC NEEDS OF ORGANISMS. Students will:

- identify characteristics of organisms that allow their basic needs to be met
- compare the ways living organisms depend on each other

PROCESSES OF THE NATURAL WORLD. Students will:

- describe natural sources of water, including streams, lakes, and oceans
- observe and describe differences in rocks and soil samples
- identify how rocks, soil, and water are used and how they can be recycled

SOCIAL STUDIES

In first grade social studies, your child will learn:

HISTORY. Students will:

- identify contributions of people, such as Sam Houston and Thomas Edison
- describe the origins of holidays, such as Veterans Day
- identify anthems and mottoes of the state and nation.
- distinguish among past, and present, and future

GEOGRAPHY. Students will:

- locate places using cardinal directions
- create and use simple maps
- locate community, state, and nation on maps and globes
- describe physical and human characteristics of places
- identify natural resources and how they are used

ECONOMICS. Students will:

- identify examples of goods and services, ways people exchange them, and the role of markets in the exchange
- identify reasons for making economic choices
- describe how specialized jobs contribute to production of goods and services

GOVERNMENT. Students will:

- explain the need for and give examples of rules and laws
- identify and describe the roles of leaders in the community, state, and nation

CITIZENSHIP. Students will:

- identify characteristics of good citizenship and identify historic figures and ordinary people who exemplify good citizenship
- explain patriotic symbols, such as the Liberty Bell
- recite and explain the Pledge Allegiance and Pledge to the Texas Flag

CULTURE. Students will:

- describe ways that families meet basic human needs
- retell stories from folktales and legends

SCIENCE, TECHNOLOGY, AND SOCIETY. Students will:

- describe how technology has changed how families live and how people work

SOCIAL STUDIES SKILLS. Students will:

- sequence and categorize information
- identify main ideas
- express ideas orally and visually
- use problem-solving and decision making process