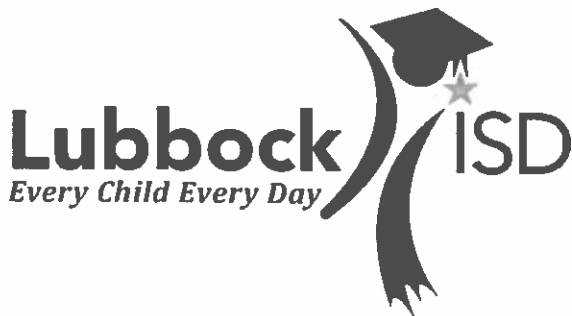


Learner Profile - 4th Grade Student



Students entering 4th grade will work toward becoming:

Lifelong Learners who set goals, practice perseverance, make connections in learning and solve problems
Leaders who articulate ideas, hold themselves accountable, are confident and influence others positively

Responsible Citizens that make informed decisions, and learn financial responsibility

Lubbock ISD students will possess interpersonal, communication and adaptability skills to help them navigate a diverse and changing world!

Interpersonal Skills:

- respect authority and the rights of others
- demonstrate responsibility, honesty and integrity
- works positively
- practices manners

Communication Skills:

- communicate in a variety of ways
- access new information from reliable sources
- speak clearly to an audience

Adaptability Skills:

- collaborate effectively
- adapt to different roles or schedules
- manage time

College and Career Readiness:

- solve problems
- formulate logical arguments
- understand quantitative features of various disciplines
- analyze critically media sources and search for patterns
- make better decisions by formulating conjectures and testing hypotheses

- critical thinking and scientific reasoning
- scientific inquiry methods
- scientific problem solving
- collaboration and Communication
- science technology
- math and science integration
- reading and writing in science
- measurement
- history of science
- research Skills and information literacy
- statistics

Math

Science

During 4th grade, students will...

MATH

- interpret the value of each place value position as 10 times the position to the right and as one-tenth of the value of the place to its left.
- compare and order whole numbers to 1,000,000,000 and use (<, >, =) to compare.
- compare and order decimals.
- represent points on a number line that correspond to a given fraction.
- represent a fraction a/b as a sum of fraction $1/b$, where a and b are whole number and $b > 0$, including when $a > b$.
- compare fractions with different numerator and denominator using (>, <, =) symbols.
- represent fractions and decimals to the tenths or hundredths as distance from zero on a number line.
- represent and solve multi-step problems involving the four operations.
- represent problems using an input-output table and numerical expressions to generate number patterns.
- use models to determine formulas for perimeter of a rectangle ($2l + 2w$).
- use models to determine the perimeter for square ($4s$) and area of a rectangle ($l \times w$).
- classify 2 D figures, measure angles, and convert units of measure.
- identify points, lines, line segments, rays, angles, and perpendicular and parallel lines.
- identify and draw a line of symmetry in a 2 D figure.

During 4th grade, students will...

SCIENCE

- conduct safe scientific investigations using scientific methods.
- use scientific inquiry methods to conduct investigations.
- use critical thinking and scientific reasoning to make informed decisions.
- use appropriate tools to collect data and make observations.
- use models of objects and events as tools for understanding the natural world and how systems work.
- use critical-thinking and scientific problem-solving to make informed decisions.
- know that matter has physical properties and that those properties determine how matter is classified, changed, and used.
- know that energy exists in many forms and can be observed in patterns, cycles, and systems.
- know that the Earth's surface is constantly changing and has many resources.
- know that there are patterns in the sun, Earth, and moon system.
- know that there are relationships, systems, and cycles within the environment.
- know that organisms have similar life processes and structures that help them survive in their environment.

Learner Profile - 4th Grade Student (cont.)

ELAR

College and Career Readiness:

- locate explicit textual information, draw complex inferences, and analyze and evaluate the information within and across texts
- compose a variety of texts
- apply listening as an individual skill and as a member of a group
- develop effective speaking styles

Social Studies

- gather, organize and display the results of data and research
- identify and analyze main idea, point of view, and situate information into appropriate contexts
- analyze interaction between human communities and the environment.
- evaluate different government and economic systems

Digital Learning:

- use proper keyboarding techniques with speed and accuracy
- use appropriate terminology
- collect and organize information from a variety of formats
- draft, edit, and publish products in different media formats
- research online
- use creation and collaboration tools
- publish work
- practice safe and ethical behavior using digital tools

Home Connection:

- provide a variety of reading materials
- encourage activities that require reading (cooking or building)
- help your child to develop a financial goal and plan a budget that includes saving, spending and donating
- help your child choose a variety of texts including documents, biographies, novels, speeches and poetry
- provide real life experiences with fractions and decimals such as cooking, shopping, counting money, etc.
- listen to the weather report daily and talk about how weather has changed from day to day
- read and discuss books about water, rocks, soil, plants, living organisms and non-living objects

ENGLISH / LANGUAGE ARTS / READING

During 4th grade, students will...

- read aloud grade-level stories with fluency and comprehension.
- summarize and explain the lesson or message in fiction text and its theme.
- sequence and summarize the plot's main events and explain their influence on future events.
- describe the interaction of characters including their relationships and changes they undergo.
- identify first or third person point of view.
- identify the similarities and differences in a fictional work to the events and experiences in an author's biography or autobiography.
- make inferences about text and use text evidence to support understanding.
- make connections between literary and informational texts
- read independently for a sustained period of time and explain what was read.
- plan a first draft.
- develop drafts by categorizing ideas and organizing them into paragraphs.
- revise drafts for coherence, organization, use of simple and compound sentences, and audience.
- edit drafts for grammar, mechanics, and spelling.

SOCIAL STUDIES

During 4th grade, students will...

- examine the history of Texas from the early beginnings to the present within the context of influences within North America.
- examine historical content focuses on Texas history, including the Texas Revolution, establishment of the Republic of Texas, and subsequent annexation to the United States.
- discuss important issues, events, and individuals of the 19th, 20th, and 21st centuries through the lens of social, political, and economic influences over time.
- explain the characteristics and benefits of the free enterprise system and describe economic activities in Texas.
- understand that a constitutional republic is a representative form of government whose representatives derive their authority from the consent of the governed, serve for an established tenure, and are sworn to uphold the constitution.
- conduct a thorough study of regions in Texas and North America resulting from human activity and from physical features. The location, distribution, and patterns of economic activities and settlement in Texas further enhance the concept of region.
- identify the contributions of people of various racial, ethnic, and religious groups to Texas and describe the impact of science and technology on life in the state.
- use critical-thinking skills to identify cause-and-effect relationships, compare and contrast, and make generalizations and predictions.