

Learner Profile - 5th Grade Student



Students entering 5th grade will work toward becoming:

Lifelong Learners that set goals, see new opportunities to learn, practice perseverance, make connections in learning and solve problems

Leaders who set goals, articulate ideas, hold themselves accountable, are confident and influence others positively

Responsible Citizens that recognize rights and responsibilities, 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

- think critically and apply scientific reasoning
- use scientific inquiry methods and problem solving
- collaborate and communicate
- use science technology
- integrate math and science
- read and write in science
- measure
- understand history of science
- use research skills, information literacy, and statistics

Math

Science

During 5th grade, students will...

MATH

- represent the value of the digit in decimal form through the thousandths using expanded notation and numerals.
- compare and order two decimals to thousandths using ($>$, $<$, or $=$).
- solve problems involving all four operations with positive rational numbers, determining and generating formulas and solutions to expressions, and extending measurement to area and volume.
- use estimation to determine solutions to real world mathematical problems involving addition, subtraction, multiplication, or division.
- apply place value and identify part-to-whole relationships and equivalence.
- represent and solve problems with expressions and equations, build foundations of functions through patterning, identify prime and composite numbers, and use the order of operations.
- represent division of a unit fraction by a whole number and the division of a whole number by a unit fraction such as $1/3 \div 7$ and $7 \div 1/3$.
- add and subtract positive rational numbers fluently.
- divide whole numbers by unit fraction and unit fraction by whole numbers.
- generate a numerical pattern when given a rule such as $y = ax$ or $y = x + a$ and graph.
- understand the meaning of brackets and parentheses in a numeric expression.

During 5th grade, students will...

SCIENCE

- conduct safe scientific investigations using scientific methods.
- 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.
- 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 environments.

Learner Profile - 5th 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
- practice safe and ethical behavior using digital tools
- research and cite using online sources
- evaluate and validate appropriateness of information
- collaborate, create, and problem solve with online tools
- use Google Apps for Education, iWorks, and/or creation/collaboration apps

Home Connection:

- establish a reading time
- write notes to your school-age child and encourage written responses
- watch the news or keep up with current events with your child and discuss what constitutional ideas are debated and compare with the text of the Constitution
- 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 5th grade, students will...

- read grade-level stories with fluency and comprehension.
- use context to determine or clarify the meaning of unfamiliar or multiple meaning words.
- compare and contrast the themes or moral lessons from several works of fiction.
- explain different forms of third-person point of view.
- make inferences about text and use text evidence to support understanding.
- make connections between and across multiple texts.
- plan a first draft by selecting an appropriate genre, generating ideas, and developing a thesis or controlling idea.
- develop drafts.
- revise drafts by clarifying meaning, including simple and compound sentences, and improving transitions.
- edit drafts for grammar, mechanics, and spelling.
- determine main ideas and supporting details in the speaker's message
- give organized presentations.
- participate in student-led discussions and eliciting and considering suggestions from other group members.

SOCIAL STUDIES

During 5th grade, students will...

- survey the history of the United States from 1565 to the present.
- survey the historical content spans from the colonial period through the 21st century.
- study physical and human characteristics of regions in the States and how people adapt to and modify the environment.
- explain the characteristics and benefits of the free enterprise system and describe economic activities in the United States.
- identify the roots of representative government in this nation as well as the important ideas in the Declaration of Independence and the U.S. Constitution.
- study the fundamental rights guaranteed in the Bill of Rights, examine the importance of effective leadership in a constitutional republic, and identify important leaders in the national government.
- 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.
- describe the cultural impact of various racial, ethnic, and religious groups in the nation and identify the accomplishments of notable individuals in the fields of science and technology.
- explain symbols, traditions, and landmarks that represent American beliefs and principles.