



Seventh 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 enclosed 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>.

LANGUAGE ARTS

Children in Medina Valley ISD will be prepared to master standards necessary to be successful in the next grade level. By the end of the school year, a Medina Valley Seventh Grader will:

READING COMPONENT.

- read at or above grade level
- identify word meaning using strategies
- identify words across curricular content areas
- monitor, adjust and modify own reading and purpose
- use own knowledge of skills and experiences to comprehend
- analyze characteristics of various types of texts (genres)
- have a basic understanding of culturally diverse texts
- read silently with increasing ease for longer periods of time

WRITING COMPONENT.

- composes and edits texts applying the conventions of standard grammar and usage (capitalization, punctuation, handwriting, penmanship and spelling) to communicate clearly and effectively
- evaluates texts of self and others for a variety of purposes

LISTENING AND SPEAKING COMPONENT.

- listens actively to gain knowledge, and analyze and evaluate messages, and for enjoyment
- prepares, organizes and presents oral messages
- evaluate and critiques oral presentations and performances

VIEWING AND REPRESENTATIONS.

- interpret how authors/illustrators style, elements, and media represent and extend meaning/purpose/message

SCIENCE

Children in Medina Valley ISD will be prepared to master standards necessary to be successful in the next grade level. By the end of the school year, a Medina Valley Seventh Grader will:

- gather and interpret data using safe, ethical practices and appropriate tools and technologies to increase their understanding of how the world works.
- analyze information critically in order to distinguish fact from non-fact and evidence from conclusion.
- solve, communicate, generate, and extend problems using an array of strategies, materials, and methods, working either independently or cooperatively
- identify patterns, explain relationships, and interpret data to solve problems and justify predictions
- connect and apply concepts to personal interests, career goals, local and global issues, and ethical dilemmas
- produce products that communicate and understanding current issues and applications

SOCIAL STUDIES

Children in Medina Valley ISD will be prepared to master standards necessary to be successful in the next grade level. By the end of the school year, a Medina Valley Seventh Grader will:

HISTORY.

- apply absolute and relative chronology; identify major eras, significant individuals and events describe their characteristics; explain significance of important dates

GEOGRAPHY.

- create geographic tools to collect, analyze and interpret data related to Texas in the 19th and 20th century
- locate and compare places and regions in Texas: analyze the effects of physical and human factors
- analyze ways in which Texas and the environment interact
- analyze the characteristics, distribution, and migration of the Texas population in the 19th and 20th century

ECONOMICS.

- analyze the interdependence of Texas with U.S. and world markets; and analyze the impact of free enterprise on the Texas Economy

GOVERNMENT.

- identify the basic principles reflected in the Texas Constitution; identify the influence of the U.S. Constitution on the Texas Constitution
- Describe the structure and functions of government at the municipal, county and state level; identify sources of revenue; describe the structure and governance of public education

CITIZENSHIP.

- Summarize the rights and civil responsibilities of Texans

CULTURE.

- Explain the concept of diversity within the unity of Texas; explain how groups maintain their cultural heritage; identify Spanish influence on places names

SCIENCE TECHNOLOGY AND SOCIETY.

- Analyze the role of science and technology on the political economic and social development of Texas

SOCIAL STUDIES SKILLS.

- Locate, identify and primary and secondary sources; analyze, organize, and interpret information; identify points of view and frames of reference; support point of view; identify bias; evaluate the validity of a source; use appropriate math skills to interpret social studies data
- Use social studies terms correctly; use standard grammar; transfer information from one medium to another; communicate social studies information in oral. Written and visual forms
- Use problem solving and decision-making processes

MATHEMATICS

Children in Medina Valley ISD will be prepared to master standards necessary to be successful in the next grade level. By the end of the school year, a Medina Valley Seventh Grader will:

NUMBERS, OPERATIONS, AND QUANTITATIVE REASONING.

- compare integers and non-negative rationals
- convert whole numbers, fractions, decimals and percents
- represent squares and square roots
- model and use signs of addition, subtraction, multiplication and division
- use these signs with integers
- use division to find unit rates
- simplify using order of operations and exponents
- select appropriate operations to solve problems
- determine reasonableness

PATTERNS, RELATIONSHIPS, AND ALGEBRAIC THINKING.

- estimate and find solutions to problems involving proportional relationships
- estimate and find solutions to problems involving percents
- generate formulas for conversions, perimeter, circumference area, and volume
- graph these relationships
- describe the relationship between a term and its position in a sequence
- use models to solve an equation
- formulate a possible problem situation when given a sample equation

GEOMETRY AND SPATIAL REASONING.

- use angle measures to classify pairs
- use properties to classify shapes and solids
- use critical attributes to define similarity
- locate and name points on a coordinate plane
- graph translations on the coordinate grid
- sketch a solid from top, bottom, and side views

- make a net of the surface area of solid

MEASUREMENT.

- estimate measurement and solve problems involving length, area, and volume

PROBABILITY AND STATISTICS.

- construct sample spaces for compound events
- select appropriate graphical representations of data
- Describe a set of data using mean, median, mode and range; choose which of these best describes the data

MATHEMATICAL PROCESSES AND TOOLS.

- Understand the problem, make and carry out a plan for evaluation of reasonableness
- Develop a variety of problem solving strategies
- Make conjectures from patterns
- Validate conclusions using mathematical properties and relationships