6th Grade Curriculum Framework for Parents

Educating a child is a responsibility shared by the student, school, family and community. As a parent, you can play an important role in the educational success of your child. The 6th Grade Curriculum Framework is a tool created to help you better understand what your child is expected to learn. This information forms the foundation for student learning in the Deer Valley Unified School District.

**English Language Arts Reading**
- Cite textual evidence to support analysis.
- Determine a theme or central ideal of a text and present a summary.
- Analyze key details and text structure.
- Describe and analyze literary elements and how they are related.
- Determine the meaning and impact of words and phrases, including figurative and connotative meaning.
- Determine the author's purpose and evaluate arguments with evidence from text.
- Compare and contrast integrated information presented in different formats.
- Compare and contrast texts in different genres.
- Comprehend text in the 6-8 text complexity band.

**English Language Arts Writing**
- Write expository texts (argument, informative, explanatory).
- Write well structured, descriptive narratives.
- Apply writing process to publish writing.
- Conduct research projects that use several sources.
- Engage effectively in discussions.
- Interpret information and identify arguments.
- Present detailed claims and information appropriately.
- Apply conventions of standard English.
- Determine meaning of unknown words.
- Demonstrate understanding of figurative language.

**Mathematics**
- Understand ratio concepts and use ratio reasoning to solve problems.
- Solve unit rate problems including unit pricing, constant speed, and measurement conversion.
- Find the percent of a quantity as a rate per 100.
- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
- Compute fluently with multi-digit numbers, including decimals, and find common factors and multiples.
- Understand positive and negative rational numbers.
- Convert between fractions, decimals and percent.
- Write, read and evaluate expressions with and without variables.
- Reason about and solve one-variable equations and inequalities.
- Represent and analyze quantities involving dependent and independent variables.
- Solve real-world and mathematical problems involving area, surface area, and volume.
- Recognize the difference between a statistical question and a non-statistical questions.
- Understand statistical variability and measures of center.
- Summarize and describe distributions of different data sets.

**Science**
- Use the scientific inquiry process.
- Identify individual, cultural, and technological contributions that generate knowledge.
- Describe the interactions between human populations, natural hazards, and the environment.
- Develop and evaluate viable solutions to a need or problem.
- Explain basic structures and functions of plants, animals and ecosystems as they relate to and adapt in their environments.
- Investigate and explain how energy can be stored and transferred.
- Describe the composition and interactions between the structure of the Earth and its atmosphere.
- Analyze the processes acting on the Earth and their interaction with the Earth systems.
- Read and comprehend grade level or above
- Science / technical texts, including other graphic sources, independently and proficiently.
- Write informative/explanatory texts, including the narration of scientific procedures / experiment, or technical processes.

**Social Studies**
- Construct maps, charts, and graphs to display geographic information.
- Identify and explain the characteristics including responsibilities of citizens.
- Identify and describe the impact of early/ancient government systems in relations to current systems.
- Identify Early Civilizations' geographic, political, economic, and cultural characteristics.
- Explain the development of later civilizations through the influence of early/ancient civilizations.
- Explain the influences of human impact to natural resources and the benefits of these influences historically.
- Cite evidence from text to support analysis of primary and secondary sources.
- Write informative texts to examine a topic through analysis or relevant content.
- Present information, findings, and supporting evidence that are appropriate to task, purpose and audience.
Physical Education

Health and Fitness
- Demonstrate competence in a variety of movement forms.
- Apply more advanced game strategies.
- Identify the characteristics of more advanced movement skills.
- Identify benefits derived from regular physical activity. Demonstrate the ability to monitor the intensity of exercise.
- Identify and participate in a variety of physical activities.
- Strive to achieve and maintain a healthy level of physical fitness.
- Work independently or with peers in a cooperative, positive, safe, and respectful manner.
- Demonstrate understanding and respect for differences among people in physical activity settings.
- Identify opportunities for participation in physical activities, both in and out of school.

Art
- Use appropriate techniques and processes to enhance communication.
- Demonstrate increasing technical ability and skill.
- Demonstrate the use of different media.
- Investigate and sequence multiple visual solutions to a given problem.
- Use subjects, themes, and symbols that demonstrate knowledge and communicate meaning.
- Identify and investigate visual art careers and qualifications.
- Identify, compare, and contrast characteristics of artwork based on subject matter, historical periods, and/or cultural context.
- Compare and contrast the purposes for creating art.
- Identify realistic, abstract, and non-objective artwork.
- Use the elements of art and principles of design to describe the effective communication of ideas in the artwork of master artists.
- Identify the curriculum concepts that translate from other disciplines to the arts.
- Demonstrate the process and value of critiquing one’s own artwork and the work of others.

Music

General Music, Band and Choir
- Sing and/or play music in two or more parts.
- Demonstrate knowledge of proper breathing techniques, tone production, and posture.
- Sing and/or play with expression and technical accuracy.
- Sing and/or play an expanding repertoire of music including major and minor.
- Perform more complex rhythmic, melodic, and chordal patterns accurately.
- Respond to conducting cues with increased awareness of musical elements.
- Improve ensemble skills. Maintain own part appropriately while listening to others’ parts.
- Identify and read rhythmic patterns adding dotted notes and rests.
- Identify sharp signs, flat signs, natural signs, and key signatures, and their role in music.
- Increase use of symbols and terms that refer to dynamics, tempo, meter, form and articulation. Listen to and identify a variety of musical styles and genres.
- Describe the varied roles of a musician and other musical professions.