



4th 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 4th 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

- Apply grade level phonics and word analysis skills.
- Read with accuracy and fluency to support comprehension.
- Determine and describe literary elements.
- Determine the meaning of words in text.
- Explain and cite evidence from the text to support comprehension.
- Describe the overall structure of text.
- Compare and contrast literary elements, important points or key details in two texts.
- Determine the main idea and recount details that support it.
- Read and comprehend literature and informational text.

English Language Arts Writing

- Participate in steps of the writing process to write opinion pieces, informative/explanatory texts, and narratives.
- Conduct research projects.
- Engage effectively in a range of collaborative discussions.
- Report on a topic or text with facts and details.
- Use knowledge of language and conventions when writing, speaking, reading or listening.
- Use grade appropriate vocabulary.

Mathematics

- Solve problems with whole numbers using the four operations. (+, -, x, ÷)
- Gain familiarity with factors and multiples.
- Generate and analyze patterns that follow a given rule.
- Understand place value to 1,000,000.
- Fluently add and subtract multi digit whole numbers using a standard algorithm.
- Multiply and divide whole numbers using equations, arrays, and/or area models.
- Represent fraction equivalence and ordering using visual models (include denominators of 5,10,12,100)
- Compose, decompose, add and subtract fractions with like denominators.
- Multiply a fraction by a whole number.
- Compare and convert decimal fractions to tenths and hundredths.
- Solve measurement problems, including conversions and area and perimeter problems.
- Represent and interpret data using line plots with fraction units.
- Describe and measure angles.
- Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

Science

- Use the scientific inquiry process.
- Identify individual, cultural, and technological contributions that generate knowledge.
- Describe the interactions between human populations, natural hazards, the environment, and the impact of technology.
- Explain basic structures and functions of plants, animals, lifecycles, and ecosystems as they relate to and adapt in their environments.
- Investigate electrical and magnetic energy.
- Describe the processes acting on the Earth and their interaction with the Earth systems.
- Identify characteristics of weather conditions and climate.
- Read and comprehend grade level or above science / technical texts, including other graphic sources, independently and proficiently.
- Write informative / explanatory texts to examine a topic and convey ideas and information clearly.

Social Studies

- Construct maps, charts, and graphs to display geographic information.
- Describe the legacy, culture, and achievements of prehistoric peoples in the Americas.
- Describe the impact of Spanish exploration and colonization on the Southwest.
- Describe the changes in the Southwest during westward expansion.
- Describe the events in Arizona during the Civil War.
- Describe how Arizona changed before, during, and after World War II.
- Describe Arizona's transition to statehood.
- Describe the government of Arizona and the United States.
- Explain how incentives affect peoples' behavior and choices.
- Cite evidence from text to support analysis of primary and secondary sources.
- Write arguments to support claims using valid reasoning and evidence.
- 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.



Deer Valley Unified School District

- 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 play keeping the steady beat at varied tempos.
- Use singing voice correctly, increasing pitch awareness and extending range.
- Sing / play alone and with others, ensemble pieces including ostinato, rounds, and partner songs.
- Use a variety of classroom instruments to develop reading skills.
- Continue to sing and/or play music representing various cultures, styles, and languages.
- Learn basic conducting cues using different meter.
- Read, create, and notate rhythm patterns using whole, half, quarter, eighth notes, and rests in different meters.
- Read, create, and notate simple melodic phrases.
- Identify symbols, terms, and nomenclature. (Road signs)
- Listen attentively to longer sections of a variety of music for certain characteristics.
- Compare and contrast a variety of music using music terms correctly.
- Demonstrate appropriate audience behavior.
- Listen to and identify simple musical forms. (Rondo, AB, ABA, etc.)