

# ACADEMIC STANDARDS FOR SEVENTH GRADE

## *Language Arts*

### ***Reading Standards for Literature***

#### **Key Ideas and Details**

- Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.
- Determine a theme or central idea of a text and analyze its development over the course of the text; provide an objective summary of the text.
- Analyze how particular elements of a story or drama interact (e.g., how setting shapes the characters or plot).

#### **Craft and Structure**

- Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings; analyze the impact of rhymes and other repetitions of sounds (e.g., alliteration) on a specific verse or stanza of a poem or section of a story or drama.
- Analyze how a drama's or poem's form or structure (e.g., soliloquy, sonnet) contributes to its meaning.
- Analyze how an author develops and contrasts the points of view of different characters or narrators in a text.

#### **Knowledge and Ideas**

- Compare and contrast a written story, drama, or poem to its audio, filmed, staged, or multimedia version, analyzing the effects of techniques unique to each medium (e.g., lighting, sound, color, or camera focus and angles in a film).
- Compare and contrast a fictional portrayal of a time, place, or character and a historical account of the same period as a means of understanding how authors of fiction use or alter history.

#### **Text Complexity**

- By the end of the year, read and comprehend literature, including stories, dramas, and poems, in the grades 6–8 text complexity band proficiently, with scaffolding as needed at the high end of the range.

### ***Reading Standards for Informational Text***

#### **Key Ideas and Details**

- Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.
- Determine two or more central ideas in a text and analyze their development over the course of the text; provide an objective summary of the text.
- Analyze the interactions between individuals, events, and ideas in a text (e.g., how ideas influence individuals or events, or how individuals influence ideas or events).

#### **Craft and Structure**

- Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of a specific word choice on meaning and tone.
- Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to the development of the ideas.
- Determine an author's point of view or purpose in a text and analyze how the author distinguishes his or her position from that of others.

#### **Knowledge and Ideas**

- Compare and contrast a text to an audio, video, or multimedia version of the text, analyzing each medium's portrayal of the subject (e.g., how the delivery of a speech affects the impact of the words).
- Trace and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient to support the claims.
- Analyze how two or more authors writing about the same topic shape their presentations of key information by emphasizing different evidence or advancing different interpretations of facts.

#### **Text Complexity**

- By the end of the year, read and comprehend literary nonfiction in the grades 6–8 text complexity band proficiently, with scaffolding as needed at the high end of the range.

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## **Writing**

### **Text Types and Purposes**

- Write arguments to support claims with clear reasons and relevant evidence.
- Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.
- Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences.

### **Production and Distribution of Writing**

- Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.
- With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed.
- Use technology, including the Internet, to produce and publish writing and link to and cite sources as well as to interact and collaborate with others, including linking to and citing sources.

### **Research to Build and Present Knowledge**

- Conduct short research projects to answer a question, drawing on several sources and generating additional related, focused questions for further research and investigation.
- Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.
- Draw evidence from literary or informational texts to support analysis, reflection, and research.

### **Range of Writing**

- Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.

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## **Language**

### **Conventions of Standard English**

- Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
- Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.

### **Knowledge of Language**

- Use knowledge of language and its conventions when writing, speaking, reading, or listening.

### **Vocabulary Acquisition and Use**

- Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on *grade7 reading and content*, choosing flexibly from an array of strategies.
- Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.
- Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression.

# ACADEMIC STANDARDS FOR SEVENTH GRADE

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## ***Speaking and Listening***

### **Comprehension and Collaboration**

- Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on *grade 7 topics, texts, and issues*, building on others' ideas and expressing their own clearly.
- Analyze the main ideas and supporting details presented in diverse media and formats (e.g., visually, quantitatively, orally) and explain how the ideas clarify a topic, text, or issue under study.
- Delineate a speaker's argument and specific claims, and attitude toward the subject, evaluating the soundness of the reasoning and the relevance and sufficiency of the evidence.

### **Knowledge and Ideas**

- Present claims and findings (e.g., argument, narrative, summary presentations), emphasizing salient points in a focused, coherent manner with pertinent descriptions, facts, details, and examples; use appropriate eye contact, adequate volume, and clear pronunciation.
- Include multimedia components and visual displays in presentations to clarify claims and findings and emphasize salient points.
- Adapt speech to a variety of contexts and tasks, demonstrating command of formal English when indicated or appropriate.

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## ***Mathematics***

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### **Ratios and Proportional Relationships**

- Analyze proportional relationships and use them to solve real-world and mathematical problems.

### **The Number System**

- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

### **Expressions and Equations**

- Use properties of operations to generate equivalent expressions.
- Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

### **Geometry**

- Draw, construct and describe geometrical figures and describe the relationships between them.
- Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

### **Statistics and Probability**

- Use random sampling to draw inferences about a population.
- Draw informal comparative inferences about two populations.
- Investigate chance processes and develop, use, and evaluate probability models.

# ACADEMIC STANDARDS FOR SEVENTH GRADE

## Science

### Key Ideas and Details

- Cite specific textual evidence to support analysis of science and technical texts.
- Determine the central ideas or conclusions of a text; provide an accurate summary of the text distinct from prior knowledge or opinions.
- Follow precisely a multistep procedure when carrying out experiments, taking measurements, or performing technical tasks.

### Craft and Structure

- Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to *grades 6–8 texts and topics*.
- Analyze the structure an author uses to organize a text, including how the major sections contribute to the whole and to an understanding of the topic.
- Analyze the author's purpose in providing an explanation, describing a procedure, or discussing an experiment in a text.

### Knowledge and Ideas

- Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table).
- Distinguish among facts, reasoned judgment based on research findings, and speculation in a text.
- Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic.

### Text Complexity

- By the end of grade 8, read and comprehend science/technical texts in the grades 6–8 text complexity band independently and proficiently.

### Investigation and Experimentation

- Students use and apply scientific processes in order to conduct experiments, gather data, and examine evidence in order to draw supported conclusions.

### Cell Biology

- Students can identify organelles within a cell, explain their functions, and differentiate between plant and animal cells.

### Genetics

- Students identify and understand the process of genetics and heredity as it pertains to sexual and asexual reproduction.

### Evolution

- Students understand the processes of genetic variation, natural selection and environmental factors and how all three contribute to evolution.

### Earth and Life History

- Students understand geologic processes and their influences on living systems.

### Structure and Function

- Students can recognize and explain the relationship between structure and function of a variety of body systems.

### Physical Principles in Living Things

- Students know the physical principles of light and how it is reflected, refracted and absorbed.

# ACADEMIC STANDARDS FOR SEVENTH GRADE

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## *Social Science*

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### **Key Ideas and Details**

- Cite specific textual evidence to support analysis of primary and secondary sources.
- Determine the central ideas or information of a primary or secondary source; provide an accurate summary of the source distinct from prior knowledge or opinions.
- Identify key steps in a text's description of a process related to history/social studies (e.g., how a bill becomes law, how interest rates are raised or lowered).

### **Text Complexity**

- Determine the meaning of words and phrases as they are used in a text, including vocabulary specific to domains related to history/social studies.
- Describe how a text presents information (e.g., sequentially, comparatively, causally).
- Identify aspects of a text that reveal an author's point of view or purpose (e.g., loaded language, inclusion or avoidance of particular facts).

### **Knowledge and Ideas**

- Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.
- Distinguish among fact, opinion, and reasoned judgment in a text.
- Analyze the relationship between a primary and secondary source on the same topic.

### **Craft and Structure**

- By the end of grade 8, read and comprehend history/social studies texts in the grades 6–8 text complexity band independently and proficiently.
- Describe the effect of geography on the growth of medieval civilizations.
- Analyze the development and organization of political and social systems in medieval civilizations.
- Describe the economic affect on the interaction and development of medieval civilizations.
- Analyze the impact of religious beliefs on the socio-political development of medieval civilizations.
- Describe the contributions, inventions and discoveries of medieval civilizations and how they influence the modern world.
- Students will interpret historical information through the application of essential skills.

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## *Physical Education*

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- Demonstrate motor skills and movement patterns in individual and dual activities.
- Demonstrate knowledge of movement concepts, principles and strategies of individual and dual activities.
- Demonstrate and maintain a health-enhancing level of physical fitness to perform individual and dual activities.
- Demonstrate knowledge of fitness concepts, principles and strategies to perform individual and dual activities.
- Demonstrate responsible personal and social behavior during individual and dual activities.

# ACADEMIC STANDARDS FOR SEVENTH GRADE

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## *Exploratory Wheel*

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Students are enrolled in an exploratory wheel or an elective for one period of the day. Students enrolled in the exploratory wheel, participate in a new class each trimester. These classes are visual and performing arts, life skills, and technology/communications. Students may participate in AVID or an intervention class in-lieu of one or more of the three exploratory wheel classes. Examples of intervention classes include Shadow Math and Reading Resource.

In **Visual Arts**, students learn and apply art skills, study artists and art periods, and learn art vocabulary. **Performing Arts** include pantomime, history of theater, Reader's Theater, radio drama and a production. In **Music**, students learn musical rhythms, about types of music, and basic keyboarding skills.

In **Life Skills**, students begin to study physical, intellectual, emotional, and social health. Students learn about nutrition, healthy choices, drug and alcohol prevention and bullying prevention.

In **Technology and Communications**, students use hardware and software for communication, learn technology tools, and improve keyboarding skills.

### AVID

The Advancement Via Individual Determination (AVID) program is offered at selected grade levels. The program supports students in developing the skills needed to go to college. Through AVID, students receive tutoring and learn study skills and habits for success. Students must interview and show a commitment to work hard to be accepted into the class. Students enrolled in AVID are encouraged to continue in AVID through high school.

### SHADOW MATH

Shadow math is a second math class which gives students more time to master grade level math standards. In shadow math students practice prior math skills to ensure a strong base of understanding, are pre-taught new concepts that will be taught in regular math class. Shadow math helps students to be prepared and successful in math.

### BAND

In band, students learn music theory and technique. Students rehearse pieces and perform throughout the year. Students compete in several festivals and are encouraged to audition for the Capitol Section Honor Band. Beginning Band is offered in 6<sup>th</sup> grade, Concert and Jazz Band is offered in 7<sup>th</sup> and 8<sup>th</sup> grades. Students can learn to play an instrument.

#### Artistic Perception

- Read and Notate Beginning Band Music

#### Creative Expression

- Apply Instrumental Skills

#### Aesthetic Valuing

- Evaluate Individual and Group Performances

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## *Extracurricular Opportunities*

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Students are offered many extra-curricular activities at each middle school. For more information contact your child's school office (Antelope Crossing Middle School at 745-2100, Creekview Ranch School at 770-8845 and Silverado Middle School at 780-2620). These activities include drama, yearbook, athletics, and clubs.

# ACADEMIC STANDARDS FOR SEVENTH GRADE

## *Honors Pathway Courses*

Students who qualify for the Honors Pathway learn the state approved grade level standards. However, the pace, depth and rigor is noticeably increased so that students can achieve at their level of skill and understanding. Honors courses are offered in Math, Language Arts, Science and Social Studies.

Specifically in the Mathematics courses, grade level content is compacted for acceleration as follows.

- **6<sup>th</sup> grade** – All 6<sup>th</sup> grade math content and a portion of 7<sup>th</sup> grade
- **7<sup>th</sup> grade** – The remaining 7<sup>th</sup> grade content and all of 8<sup>th</sup> grade
- **8<sup>th</sup> grade** – Integrated Math I equivalent to the 9<sup>th</sup> grade high school course

### **7<sup>th</sup> Grade Mathematics**

#### **Ratios and Proportional Relationships**

- Analyze proportional relationships and use them to solve real-world and mathematical problems.

#### **The Number System**

- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

#### **Expressions and Equations**

- Use properties of operations to generate equivalent expressions.
- Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

#### **Geometry**

- Draw, construct and describe geometrical figures and describe the relationships between them.
- Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

#### **Statistics and Probability**

- Use random sampling to draw inferences about a population.
- Draw informal comparative inferences about two populations.
- Investigate chance processes and develop, use, and evaluate probability models.

### **8<sup>th</sup> Grade Mathematics**

#### **The Number System**

- Know that there are numbers that are not rational, and approximate them by rational numbers.

#### **Expressions and Equations**

- Work with radicals and integer exponents.
- Understand the connection between proportional relationships, lines, and linear equations.
- Analyze and solve linear equations and pairs of simultaneous linear equations.

#### **Functions**

- Define, evaluate, and compare functions.
- Use functions to model relationships between quantities.

#### **Geometry**

- Understand congruence and similarity using physical models, transparencies, or geometry software.
- Understand and apply the Pythagorean Theorem.
- Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.

#### **Statistics and Probability**

- Investigate patterns of association in bivariate data.

# ACADEMIC STANDARDS FOR SEVENTH GRADE

**Superintendent: Cliff De Graw**

**Board of Education:**

**Tracy Balcom, Ed.D.**

**Jon Fenske**

**Ryan Haynes**

**Jean Pagnone**

**Jason Walker**

**Resources:**

**Additional District Information: [www.drycreek.k12.ca.us](http://www.drycreek.k12.ca.us)**

*By working together, schools and parents create the maximum opportunity for student success.*