



QUARTER 1



PUSD 8th Grade Summary of Standards

LANGUAGE ARTS		
Description	Code	AZ State Standard
Word/Phrase Meaning Informational	8.RI.04	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts
Citing Text Evidence: Informational	8.RI.01	Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text.
Word/Phrase Meaning: Literature	8.RL.04	Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts
Theme/Objective Summary	8.RL.02	Determine a theme or central idea of a text and analyze its development over the course of the text, including its relationship to the characters, setting, and plot; provide an objective summary of the text
Compare/Contrast Historical and Fiction	8.RL.9	Analyze how a modern work of fiction draws on themes, patterns of events, or character types from myths, traditional stories or religious works, including describing how the material is rendered new.
Support Claim with Reasons/Evidence	8.W.01	Write arguments to support claims with clear reasons and relevant evidence.
Informational Writing	8.W.02	Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.
Grammar	8.L.1	Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
Conventions	8.L.2	Demonstrate command of conventions of standard English Capitalization , punctuation, and spelling when writing.

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ELA SPEAKING & LISTENING

Description	Code	AZ State Standard
Main Idea and Summary	8.RI.02	Determine a central idea of a text and analyze its development over the course of the text, including its relationship to supporting ideas; provide an objective summary of the text
Interacting Elements	8.RI.03	Analyze how a text makes connections among and distinctions between individuals, ideas, or events (e.g., through comparisons, analogies, or categories)
Informational Text Structure	8.RI.05	Analyze in detail the structure of a specific paragraph in a text, including the role of particular sentences in developing and refining a key concept.
Authors POV and Purpose	8.RI.06	Determine an author's point of view, perspective and purpose in a text and analyze how the author acknowledges and responds to conflicting evidence or viewpoints.
Arguments and Claims	8.RI.08	Delineate and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient; recognize when irrelevant evidence is introduced.
Compare/Contrast 2 Authors	8.RI.09	Analyze a case in which two or more texts provide conflicting information on the same topic and identify where the texts disagree on matters of fact or interpretation.
Collaborative Discussions	8.SL.1	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 8 topics, texts, and issues, building on others' ideas and expressing their own clearly.
Main Idea Diverse Media	8.SL.2	Analyze the purpose of information presented in diverse media and formats (e.g., visually, quantitatively, orally) and evaluate the motives (e.g., social, commercial, political) behind its presentation.
Speaker Claim/Evidence	8.SL.3	Delineate a speaker's argument and specific claims, evaluating the soundness of the reasoning and relevance and sufficiency of the evidence and identifying when irrelevant evidence is introduced



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Present Claims and Findings	8.SL.4	Present claims and findings, emphasizing salient points in a focused, coherent manner with relevant evidence, sound valid reasoning, and well-chosen details; use appropriate eye contact, adequate volume, and clear pronunciation.
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MATH

Description	Code	AZ State Standard
Slope and Y-Intercept	8.EE.B.5	Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways.
Similar Triangles Proof	8.EE.B.6	Use similar triangles to explain why the slope m is the same between any two distinct points on a non-vertical line in the coordinate plane. Derive the equation $y = mx$ for a line through the origin and the equation $y = mx + b$ for a line intercepting the vertical axis at $(0, b)$.
Equations and Inequalities	8.EE.C.7	Fluently solve linear equations and inequalities in one variable.
System of Equations	8.EE.C.8	Analyze and solve pairs of simultaneous linear equations with 2 variables.

SCIENCE

Description	Code	AZ State Standard
Visually Balance Chemical Reactions	8.PIU.1	Develop and use a model to demonstrate that atoms and molecules can be combined or rearranged in chemical reactions to form new compounds with the total number of each type of atom conserved
Physical and Chemical Properties	8.PIU.2	Obtain and evaluate information regarding how scientists identify substances based on unique physical and chemical properties.



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Geological Columns	8.EIU1.6	Analyze and interpret data about the Earth's geological column to communicate relative ages of rock layers and fossils.
Natural Hazards	8.EIU3.7	Obtain, evaluate, and communicate information about data and historical patterns to predict natural hazards and other geological events.
Limited Resources on Earth	8.EIU3.8	Construct and support an argument about how human consumption of limited resources impacts the biosphere.

STEM

Description	Code	AZ State Standard
Magnetism	7.P2U1.1	Collect and analyse data demonstrating how electromagnetic forces can be attractive or repulsive and can vary in strength.
Energy Transfers	8.P4U1.3	Construct an explanation on how energy can be transferred from one energy store to another.
Energy Efficiency	8.P4U2.5	Develop a solution to increase efficiency when transferring energy from one source to another.
Wave Technologies	8.P4U1.4	Develop and use mathematical models to explain wave characteristics and interactions.
** Science and Engineering Practices		

SOCIAL STUDIES

Description	Code	AZ State Standard
Analyze Founding Documents	8.C1.1	Analyze ideas and principles contained in the founding documents of the United States, including the Declaration of Independence and Constitution, and explain how they influence society and political systems. • Ideas and principles contained in founding documents



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		include but are not limited to popular sovereignty, consent of the governed, the social contract, limited government, rule of law, separation of powers, checks and balances, federalism, and individual rights
Explanations: Strengths/Weaknesses	8.SP3.7	Construct and present explanations using reasoning, correct sequence, examples, details with relevant information and data, while acknowledging the strengths and weaknesses of the explanations.
Geographic Tools	8.G1.1	Use geographic tools and representations to analyze historical and modern political and economic issues and events. • Key tools and representations such as maps, globes, aerial and other photos, remotely sensed images, tables, graphs, and geospatial technology.
Impact of Political and Civic Institutions	8.C3.1	Describe the impact of political and civic institutions such as political parties, interest groups, elections, and the media in shaping policy. • Key concepts include but are not limited to political party platforms, structure of parties on a national, state, and local level including precincts, primary and general elections, presidential nominating system including conventions, congressional elections including congressional districts, gerrymandering, and census, electoral college including how electors are chosen in Arizona, types of interest groups, and role of the media.

Life Skills

Description	AZ State Standard
Personal Finance	Explore financial literacy and understand building wealth through behavior, savings, budgeting, and debt avoidance
Kitchen Safety and Preparation	Follow proper sanitation and safety practices while using a variety of food preparation techniques to prepare hot foods, bakery and pastry products, and garde manger items.



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Career Exploration	Explore various career pathways, develop workplace skills, and identify personal interests and goals to plan for future career success.
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Physical Education

Description	AZ State Standard
STANDARD 1	Develop a variety of motor skills
STANDARD 3	Develops social skills through movement.
STANDARD 4	Develops and values movement skills.

Exploratories

Band, Broadcasting Technology, Choir, Computer Science, Art, Spanish, Orchestra

Description	AZ State Standard
Creating	Conceiving and developing new artistic ideas and work.
Presenting	Realizing artistic ideas and work through interpretation and presentation.
Responding	Understanding and evaluating how the arts convey meaning.
Connecting	Relating artistic ideas and work with personal meaning and external context



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