MUSD Grade 7 Curriculum - Year at a Glance

ELA

Content	AZ State Standards AZCCRS ELA 7	Overview	Assessment Overview
Unit 1: Critical Reading Skills for Literature, Speaking , and Listening	7. RL.1 7. RL.2 7.RL.4 7.SL.1 7.L.2 7.L.4	This unit is designed to establish expectations for reading, writing, and speaking in 7th grade. Students will practice reading strategies like summarizing, annotation, asking questions, and making predictions. They will engage in whole group, paired reading, and establish expectations for independent practice. Through these practices, students examine how stories are developed.	● Annotation of texts ● Write objective summaries
Unit 2: Critical Reading of Nonfiction	7.RI.1 7.RI.2 7.RI.5 7.W.2 7.SL.1 7.L.1	In this unit, students work to build on and apply transferable reading practices from Unit 1 while reading informational text. There is further practice with identifying the central idea, selecting concrete details, developing commentary, and using formal structure and evidence-based writing. Students will also engage in learning sentence-level composition in order to strengthen their writing.	● Produce an analysis of the structure of informational writing ● Produce informational writing that cites source material
Unit 3: Foundations of Analysis	7.RL.2 7.RL.3 7.RL.6 7.W.2 7.W.3 7.L.1 7.L.5	This unit provides the opportunity for a more in-depth study of literature. Students will begin to analyze the interaction between plot elements, specifically looking at how the setting shapes a character, as well as how conflicting character points of view are developed within a text.	● Develop brief responses to literature to assess analytical skills ● Compose a creative narrative
Unit 4: Introduction to Research and Synthesis of Information	7.RI.3 7.RI.4 7.RI.9 7.W.2 7.W.8 7.SL.2	Students engage with close reading of informational text to gather research and make meaning of information from multiple sources curated by the teacher. Students will engage in the research process, reading closely to extract key details, and learning to determine what makes a source credible, and how to synthesize information from different sources. This unit is directly aligned with state testing.	● Create a formal outline of an informative research essay that develops a logical line of reasoning & documents source information
Unit 5:	7.RI.5	Students will build on foundational research skills from unit 4 as they work	● Write an AASA

Using Sources to Support an Argument	7.RI.6 7.RI.7 7.RI.8 7.W.1 7.SL.3 7.L.5b	toward the development of an argument using source information for support. They will engage in the examination of informational and argumentative texts & speeches, specifically considering the author's purpose, use of evidence and medium to support his/her claim. This unit further supports state testing and transferable skills.	(Arizona Academic Standards Assessment) aligned multi paragraph essay.
Unit 6: Comparing Interpretations	7.RL.3 7.RI.7 7.RL.9 7.SL.4 7.W.2 7.L.4a 7.L5.a,c	This literature unit invites students to engage in a series of comparisons in order to better understand how literature is interpreted and how the interpretation influences our understanding of the text. Students will make connections to history or mythology as they engage in a discussion of allusions and historical interpretations.	● Engage in formal structured discussion ● Compose an analytical review of the interpretation of a text for a school newspaper

Science

Unit Name	AZ State Standards	Overview	Assessment Overview
Unit 1: Life Science	7.L1U1.8 7.L1U1.9 7.L1U1.10 7.L1U1.11 7.L2U1.12	Students will understand and apply scientific concepts pertaining to the idea that living things are alike yet different, structures in living things are related to their function and living things interact with their environment. Students will obtain and evaluate information to develop and use models in constructing explanations to consider systems and how they interact to support life.	● Develop and use models to construct explanations ● Construct and explanation ● Obtain and evaluate information from text to communicate findings.
Unit 2: Earth Science	7.E1U1.5 7.E1U1.6 7.E1U2.7	Students will engage in the study of energy from within the Earth causing changes in the composition and shape of the continents. Students will investigate to find evidence of these changes from the distribution of fossils and rocks, continental shapes, and seafloor features. Students will develop models to explain how energy from the Sun causes changes in the hydrosphere and atmosphere. They will also be able to explain the interaction of the geosphere, hydrosphere, and atmosphere when energy flows between them and how advances in technology help predict weather changes with	● Develop and construct models ● Obtain and evaluate information from text to communicate findings.

		more accuracy.	
Unit 3: **Physical Science**	7.P2U1.1 7.P2U1.2 7.P3U1.3 7.P3U1.4	Students make sense of the interaction of objects due to forces of motion and how understanding the forces interacting is important to predict stability within a system. Students will be able to develop models to explain the gravitational forces and energy transfer.	● Develop and construct models

Social Studies

Unit Name	AZ State Standards 6-8 Grade Band Standards	Overview	Assessment Overview
Unit 1: **An Introduction to Social Studies**	7.SP1.2 7.SP3.1 7.G1.1	Students will be introduced to foundational disciplinary skills and concepts in the study of social studies. By the end of this unit, students will be able to classify historical events and developments as examples of continuity and change, use and construct maps, and create compelling questions about their world.	● Document Based Analysis ● Map reading and Construction
Unit 2: **Scientific Revolution and Enlightenment**	7.SP4.1 7.H1.2 7.C2.1	Students will investigate the innovations and changes in Western Europe during the Scientific Revolution and Enlightenment in this unit. By the end of this unit, students will be able to describe these developments and analyze what changed and what stayed the same. Students will also analyze the causes and effects of these developments and how these developments impacted the concept of individual rights.	● Cause and Effect written analysis ● Cause and effect timeline
Unit 3: **Revolutions**	7.SP2.1 7.H2.2 7.C2.1 7.H3.4	Students will learn about and analyze the causes and effects of political revolutions such as the American Revolution, French Revolution and democratic revolutions in Latin America. Students will analyze multiple factors that influence perspectives, compare causes and effects of political revolutions, compare peacemaking approaches during revolutionary conflicts and explain how each revolution impacted the rights of citizens in that civilization.	● Cause and effect flowchart ● Document Based Analysis
Unit 4: **Industrialization and Imperialism**	7.SP1.1 7.E2.1 7.H3.2	Students will explore the causes and effects of the Industrial Revolution and global imperialism. Students will learn about the economic and political factors that led to rapid industrialization in Britain and the United States and the economic, political and social impacts of industrialization. Students will also consider the influence of industrialization on global imperialism and the	● Document based analysis ● Interpreting graphs and charts

		social and political impacts of colonialism.	
Unit 5: **World War I and** **Russian Revolution**	7.SP.1.4 7. SP3.5 7.H2.2	Students will investigate the causes and effects of World War I and the Russian Revolution. Students will analyze the causes of the war and the technological developments and the individuals and groups that influenced the course of the war. Students will also analyze the causes and effects of the Russian Revolution through primary and secondary sources.	● Argumentation ● Document based analysis
Unit 6: **Global Depression and the Rise of Fascism**	7.H1.1 7.H3.4 7.SP1.3	Students will analyze the causes and effects of the Global Depression during the interwar years in this unit. This unit will introduce key leaders and developments during this era and the impact their ideas and leadership had on their nations, the world and today. Students will practice historical argumentation and writing in this unit.	● Analyze cause and effect ● Argumentation
Unit 7: **World War II and the Holocaust**	7.SP1.3 7.SP3.6	This unit will allow students to investigate the causes and beginning of World War II, the U.S. involvement in the war, the Holocaust, and the end of the War. As students are investigating these topics they will be using skills such as source verification, summarization, avoiding plagiarism and historical writing.	● Research ● Argumentation
Unit 8: **The 1940s-2000:** **Global Conflict and Change**	7.C2.1 7.SP2	Students will research global conflicts and changes from the end of World War II until 2000. Students will investigate the Cultural Revolution and the Cold War and will do a summative project on another global change or conflict during this era. Students will use their historical thinking skills such as source analysis, analyzing change and continuity, cause and effect to complete their final inquiry project.	● Research ● Analyze multiple perspectives

Math			
Unit Name	**AZ State Standards** **7th Grade**	**Overview**	**Assessment Overview**
Unit 1: **Ratios and Proportional Reasoning**	7.RP.A.1 7.RP.A.2 7.RP.A.3 7.EE.B.4 7.G.A.1	Students build upon their reasoning about rations, rates, and unit rates to formally define proportional relationships and constant of proportionality. Students learn to identify proportional and nonproportional relationships. Students are exposed to different representations of proportional relationships as well as how those representations are connected and what might be useful to describe situations in the work beyond school. Knowledge about proportional relationships will allow students to compare situations and make decisions.	● Apply ratios and proportional reasoning to model a situation using different representations

Unit 2: Rational Numbers	7.NS.A.1 7.NS.A.2 7.NS.A.3	Students build on their understanding of rational numbers to add, subtract, multiply, and divide integers. They will explore the relationship between positive and negative signs as they discover how they work together and their relationship with operations of whole numbers. Students apply these concepts to different real world situations to help them represent and make sense of the world around them.	• Perform operations with rational numbers in a skills test
Unit 3: Expressions, Equations, and Inequalities	7.EE.A.1 7.EE.A.2 7.EE.B.3 7.EE.B.4	Students use their understanding of equality, inequality, and properties of integers and apply them to solving equations and inequalities. Students learn how order of operations and zero pairs are used in solving for an unknown. Students will represent real world situations mathematically and interpret solutions to help them make decisions with purpose.	• Use equations representing real world situations to justify decisions
Unit 4: Percents and Proportional Reasoning	7.RP.A.1 7.RP.A.2 7.RP.A.3 7.EE.B.3	Students will revisit their understandings around ratios and proportional relationships and apply them to situations involving percents. Students will model situations involving discounts, markups, sales tax, savings accounts, and more. These models will allow students to make predictions and calculations to support decisions that can affect their futures.	• Apply percentages to justify purchases
Unit 5: Geometry	7.G.B.5 7.G.A.2 7.G.B.6 7.G.B.4	Students will engage with geometry concepts such as creating triangles, angle relationships, and characteristics of circles. Students will apply their solving equations skills that stem from visual representations such as angle relationships, area and circumference of circles, volume of prisms and triangles. Students will use these skills to reason quantitatively as they use these shapes and relationships to represent the world around them.	• Create summer fun room using area and perimeter • Apply volume concepts in a skills test
Unit 6: Statistics and Probability	7.SP.A.1 7.SP.A.2 7.SP.B.3 7.SP.B.4 7.SP.C.5 7.SP.C.6 7.SP.C.7	Students will develop an understanding of how statistics and probability can help them explain, make sense of, and even make predictions about the world around them. Students will have the opportunity to collect, organize, interpret, and gauge the validity of data as they learn the connection to things beyond the classroom. Students will determine the probability of unknown events, comparing experimental and theoretical probabilities. Students will also explore the purpose of sampling and representation utilizing measures of center and variability and how probability and statistics may be used as a persuasive tool.	• Use survey results to determine probabilities