

Grade 7 Competencies

<i>English Language Arts</i>	<i>Mathematics</i>
<ul style="list-style-type: none"> ★ Reads and comprehends literature and non-print media of increasing complexity ★ Analyzes development of literary elements ★ Compares, contrasts, and analyzes literature by citing evidence from text ★ Demonstrates comprehension of informational text elements and how an author presents a viewpoint ★ Cites multiple pieces of evidence to support analysis of informational text, determines central idea and provides a summary ★ Produces argument writing supporting claims with clear reasons and relevant evidence, citing credible sources ★ Develops counterclaims and rebuttals with supporting evidence ★ Produces well organized informative writing with complex ideas and information ★ Produces narrative writing using techniques elaboration, and clear sequence of events ★ Develops and organizes writing with grade appropriate vocabulary, spelling, and grammar ★ Listens and speaks purposefully and effectively on grade level topics and text ★ Conducts research projects that answer teacher provided questions using multiple print/digital resources ★ Independently uses the tools of technology to gather, interpret, analyze information, and create 	<ul style="list-style-type: none"> ★ Uses proportional relationships to solve real-world ratio and percent problems ★ Performs all operations with rational numbers, such as fractions, decimals, and integers ★ Constructs and solves multi-step algebraic expressions and equations to interpret real-world problems ★ Constructs geometric figures to solve problems involving angle relationships ★ Solves real-world problems involving area, surface area and volume ★ Creates and interprets random samples to draw inferences and produce models ★ Investigates and evaluates the probability of events in a given model ★ Problem Solving: Uses a range of strategies and mathematical models to interpret and solve real-world problems ★ Communicating Reasoning: Constructs viable arguments to support their own reasoning and to critique the reasoning of others

<i>Science</i>	<i>Social Studies</i>
<ul style="list-style-type: none"> ★ Plans and carries out investigations ★ Analyzes and interprets data ★ Observes, predicts and analyzes patterns to generate questions and make predictions ★ Uses the cause and effect relationship to predict events in new contexts ★ Uses measurements to quantify scale, proportion and quantity to show relationships ★ Shows how individual systems can be related to other systems, larger or smaller, and how systems interact with each other to provide stability or cause change ★ Explains how both matter and energy are conserved within a system ★ Identifies and analyzes the relationship between component's structure and function 	<ul style="list-style-type: none"> ★ Evaluates the powers and limits of the 3 branches of government, federal and local public officials and bureaucracies ★ Recognizes and evaluates issues and problems in government and civil society ★ Determines how laws and public policies impact changing societies ★ Analyzes the role of innovation and entrepreneurship in a market economy ★ Analyzes cultural and environmental differences between places ★ Explains how changes in transportation and technology influence human settlements and cultural practices ★ Examines multiple causes and effects of events and developments in the past ★ Analyzes multiple cultural factors that influenced the perspectives of people during different historical eras