

CCUSD 301 Middle School Curriculum-at-a-Glance

	Sixth	Seventh	Eighth
Reading	<h2>In Review Cycle</h2>		
Writing			
Speaking/Listening			
Math	Students will create and solve proportions in a variety of situations, manipulate and compute integers, divide decimals, and demonstrate fluency in all fraction operations.	Students will evaluate expressions and solve one-step equations and inequalities with positive numbers and demonstrate proficiency in arithmetic operations of rational numbers. Students will solve problems using ratios, proportions and percents and apply formulas to calculate area and volume of two- and three-dimensional figures.	<u>Pre-Algebra</u> - Students will perform operations on rational numbers, solve one- and two-step equations and inequalities, use geometric concepts to solve problems, and analyze data and probability.
Science	<p><u>Life</u> - Students will classify animals based on the differences and level of complexity of their organ systems and will appraise the competitive advantages associated with various organ systems.</p> <p><u>Physical</u> - Students will compare and categorize ways that thermal energy is transferred beneath the Earth, in water, and in the atmosphere.</p> <p><u>Earth</u> - Students will combine their understandings of movements in the atmosphere (weather) and bodies of water (ocean/lake currents) to examine their similarities.</p>	<p><u>Life</u> - Students will discriminate between living and non-living entities and how they are classified. Students will construct knowledge of human genetics and cellular structures.</p> <p><u>Physical</u> - Students will understand and apply the principals of electronics.</p> <p><u>Earth</u> - Students will appraise the importance of the effects of organisms on our environment.</p>	<p><u>Physical</u> - Students will apply the scientific method to further explore concepts in force and motion and sound and light.</p> <p><u>Chemistry</u> - Students will examine the interactions of matter and develop an understanding of the periodic table.</p> <p><u>Astronomy</u> - Students will integrate physics into the study of astronomy and assess the importance of the space exploration program to society.</p>
Social Studies	<u>Ancient Civilizations</u> - Students will examine the cultures of the ancient civilizations of Mesopotamia, Egypt, India, China, and Greece, and analyze their similarities and differences.	<u>U.S. History 1757-1865</u> - Students will analyze and interpret developments and events in the history of the United States from the American Revolution through the Civil War and explain the governments of the U.S. and Illinois as described in their constitutions.	<u>U.S. History 1865-1918 (1 semester)</u> - Students will deduce the implications of changing political and social systems, and the environmental and economic factors of key events that affect the people of the U.S. beginning with the Reconstruction Era through the conclusion of WWI. (continued)

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			<p><u>Western Civilization: Ancient Rome - French Revolution (1815) (1 semester)</u> - Students will distinguish between the various cultures of Western European civilizations with attention to the social, political, religious, and economic realities faced by the citizens of the Roman Empire through the French Revolution and Napoleon's rise to power.</p>
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