

# Central Community Unit School District #301

## Middle School Curriculum-at-a-Glance

	<b>Sixth</b>	<b>Seventh</b>	<b>Eighth</b>
<b>Reading</b>	Students will apply and practice reading skills/strategies, identify literary elements, and use word analysis and vocabulary strategies to construct meaning, utilizing a broad range of reading materials.	Students will apply and integrate comprehension skills, strategies and literary elements, word analysis skills and vocabulary strategies to construct deeper meaning, utilizing a broad range of reading materials.	Students will utilize higher level comprehension skills, strategies, and literary elements to integrate and evaluate all content area material in preparation for the demands of high school.
<b>Writing</b>	Students will combine writing components and conventions/mechanics to create written pieces for a variety of purposes.	Students will combine writing components, conventions/mechanics, and evaluation techniques throughout the writing process for a variety of purposes.	Students will integrate writing components and conventions/mechanics when authoring multiple genres in preparation for high school.
<b>Speaking/ Listening</b>	Students will utilize speaking, listening, and research skills to develop a foundation for effective formal communication with a group.	Students will analyze information obtained through research and integrate speaking and listening skills in order to communicate effectively.	Students will integrate speaking, listening and research skills in order to communicate effectively in a variety of purposes for high school preparation.
<b>Math</b>	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.
<b>Science</b>	<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>

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<b>Social Studies</b>	<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. <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.
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