



WHMS Middle School Curriculum Year B 2016-2017

Cycle 1: Independence and Interdependence September - December	Cycle 2: Movement December - March	Cycle 3: Our World, Our Place March- June
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Social Studies	Division and Reunion: Civil War and Reconstruction 1846-1896: Road to the Civil War; The Civil War; Reconstruction and its Aftermath, Reshaping the Nation 1858-1914	The Western Frontier; Growth of Industry; Toward an Urban America Reform, Expansion, and War: Progressive Reforms; Overseas Expansion; World War I	Turbulent Decades 1919-1945: The Jazz Age and the Harlem Ren.; The Depression and FDR; World War II. Turning Points 1945-1975, The Cold War Era
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ELA	<p><i>Whirligig</i>, a novel Thematic and Character Analysis</p> <p>Letter writing Socratic Seminar</p> <p>Citations and MLA format Spelling, grammar, vocab and composition development</p>	<p>Movements in Poetry Writing Poetry Literature circles around the cycle theme and time period Socratic Seminar Spelling, grammar, vocab and composition development Autobiographical Writing Literary Analysis</p>	<p>Human Rights Literature circles around theme and time period Persuasive writing</p> <p>Socratic Seminar Spelling, grammar, vocab and composition development Portfolio finalization Support of research paper writing</p>
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Science	Chemistry, Food and Health Earth as a System Earth's Matter: Minerals, Rocks Earth's Changing Surface: Weathering, Erosion and Deposition	Dynamic Earth: Plate Tectonics, Volcanoes, Earthquakes, Mountain Building Science Investigation Process Design and Make Process	Water Processes Climate Systems: Meteorology, Atmosphere and Weather Environmental Science Studies
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Math 7	Equations and Inequalities; Graphing; Operations Containing Integers; Exponents and Scientific Notation; Rational and Real Numbers	Collecting, Displaying, and Analyzing Data; Plane Figures; Patterns in Geometry; Perimeter and Area; Three-Dimensional Geometry	Ratios, Rates and Proportions; Similarity and Scale; Applying Percents; Probability; Solving Linear Equations; Solving Equations and Inequalities
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Math 8/ Algebra/ Geometry	Measurement; Rational and Irrational Numbers, Exponents and Roots	Proportions and Similarity; Measurement and Geometry/Geometric Relationships	Multi-step Equations; Linear Functions: Graphing, Predicting and Analysis
	Reasoning with Equations and their Graphs, Linear and Exponential Functions	Polynomial and Quadratic Expressions; Descriptive Statistics	Equations and Functions; A Synthesis of Modeling with Equations and Functions
	Congruence, Proof, Constructions; Similarity, Proof and Trigonometry	Extending to 3-Dimensions; Connecting Algebra and Geometry through Coordinates	Circles with and without coordinates; Algebra and Geometry Topic Review