



WHMS Middle School Curriculum Year B 2012-2013

	Cycle 1: Independence and Interdependence September - December, 2012	Cycle 2: Movement December - March, 2013	Cycle 3: Our World, Our Place March- June, 2013
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
ELA	Book groups around the cycle 1 theme Autobiographical Writing and Journals Historical fiction (Civil War) Socratic Seminar Literary Analysis Vocab and Composition Development	Poetry Unit Book groups around the cycle theme Socratic Seminar Continued vocab and composition development Reading non-fiction for purpose Dramatic monologues Persuasive Essay	Literature around WW II Autobiographical writing Socratic Seminar Continued vocab and composition development Portfolio finalization Support of research paper writing
Science	Earth's Changing Surface: Weathering, Erosion and Deposition Earth's Matter: Atoms to Minerals, Rocks	Dynamic Earth: Plate Tectonics, Volcanoes, Earthquakes, Mountain Building Scientific Method and Science Fair Projects	Climate Systems: Atmosphere and Weather Environmental Service
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
Math 8	Number Systems, Operations and Properties Algebraic Expressions and Open Sentences Algebraic Fractions	Probability and Statistics, Ratios and Proportions, Geometric Figures, Areas, and Volumes Operations with Radicals, Trigonometry of Right Triangles	Linear Functions: Graphing, Writing and Solving Special Products and Factors Quadratic Relations and Functions