

Hill-Murray ~ Grade 8 ~ Scope and Sequence

	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	
Social Studies	The New West & the Industrial Revolution	Immigration, Progressives and Reformers;	Foreign Expansion, World War I	World War I, Roaring '20s	Great Depression; WWII	World War II; Holocaust	Cold War	Civil Rights; 20th Century intolerance	1970's to the present	
English	<u>The Outsiders</u> ; Grammar: Punctuation	Writing: The Five-Paragraph Essay; Grammar: Subjects/Verbs	Literature and Writing Theme: Coming of Age; <u>The Miracle Worker</u>	The American Folk Tradition; Public Speaking	Public Speaking; Grammar: Nouns	<u>Anne Frank: The Diary of a Young Girl</u>	Writing Theme: Personal Reflections; Grammar: Pronouns	<u>Flowers for Algernon</u> in conjunction with Catholic Social Teaching; Poetry	Short Stories; Grammar: Modifiers	*Vocabulary continues throughout the year. Each quarter contains an independent reading project.
Earth Science	Earth Materials	Earth's Energy and Mineral Resources, Scientific Method and Science Fair	Earth Processes, Science Fair	Water, Science Fair	Science Fair Water	Oceanography	Earth's Atmosphere	Earth's Atmosphere, Sun, Earth, & Moon System	Solar System, Stars & Galaxies	
Religion	Prayer	Jesus	Saints	Saints; Morality; Church History	Vatican II Modern Church; Prayer	<i>(Same as Semester 1)</i>				
8th Grade Algebra	Scientific Notation; Distributive Property; Using simple formulas; Absolute value; Fractions / Decimals; Signed Numbers	Like Terms; Solving linear Equations; Equations with Absolute Value; Solving Formulas; Percentages; Word problems	Proportions; Solving Inequalities; Inequality Word Problems; Exponents	Properties of Exponents; Scientific Notation; Polynomials; FOIL	Multiplying Polynomials and Factoring	Factoring; Graphing Linear Equations	Systems of Equations; Word Problems; Rat / Time / Distance Problems; Sets, Union, and Intersection	Rational Expressions; Rational Equations; Radical Expressions	Pythagorean Theorem; Quadratic Equations	
8th Grade Algebra 2	Equations; Inequalities; Compound Inequalities	Linear Relations & Functions; Systems of Equations & Inequalities; Matrices; Cramer's Rule	Polynomials; Factoring; Tri-variate Systems; Radicals & Radical Expressions	Imaginary & Complex Numbers; Quadratic Functions & Equations	Quadratic Functions; Conic Sections	Conic Sections; Rational Expressions & Equations; Exponential Functions	Logarithmic Functions; Right-Triangle Trigonometry; Radians vs. Degrees	Trigonometric Functions; Trigonometry Project	Counting Principle; Permutations; Combinations	
Instrumental Music	Major Scales 1-3, Intonation	Major Scales 1-3, comprehension of the moving voice	Major Scales 4-6, Key signatures	Application of Key signatures to transposition	Major Scales 7-9, Ensemble Blend	Solo and Small Ensemble performing	Major Scales 10-12, Advanced Ear Training	Harmonic Structure and Advanced Musicianship	Vibrato and Alternate positions	* Eighth grade students will be learning Minor scales instead of major scales and will be performing more advanced literature with an

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Classroom Music	Musical Periods, Elements of Music	Intervals, Notation	(Rotates every quarter)	
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Technology Education	Woodworking; Plastics, Electricity		(Rotates every quarter)							
Art	Drawing and Design	3D Design; Sculpture; Painting	(Rotates every quarter)							
Living Skills	Teen Consumer Issues; Teen Nutrition	Nutrition; Communication Techniques	(Rotates every quarter.)							
Physical Education	Speedball; Archery	Tennis; Volleyball	Badminton	Basketball; Fitness Test	Floor Hockey; Softball	(Same as Semester 1)				
Creative Dramatics (Elective)	Cooperation in Planning & Playing, Trust, Relaxation, Pantomime, Characterization, Expression, Articulation / Diction, Imagination, Creative, Theatrical Application / Cooperation in Planning and Playing. (Rotates every Semester)									
Creative Writing (Elective)	Journal One; Observe, Record, Report; Autobiographies; Write Children's Story with Pictures.	Poetry; 7 Kinds of Poems; Scary story	Short story; Autobiography as Fiction; Create Short Story (2); Business Letters; Block Format, Complaints, Compliments	Drama Unit; Write a One-Act Play; Cartoon Stories; Draw Stories	Interviewing; Short Story- Non-Fiction	(Same as Semester 1)				
World Language (Elective)	Level 1 of French or Spanish: main topics include: greetings, health, weather, time, numbers, accent marks, plans and activities, sports, school subjects, past times, expressing opinions and giving/rejecting advice. In addition to these grammar/vocabulary topics, various cultural aspects of each language will be explored and studied.									
Mass Communication (Elective)	Advertising, Creative Magazines	News, Produce Program	Publish Service Announcements	Film Terms History, Technology	Documentaries	(Same as Semester 1)				
Study Skills (elective) One semester	Time management	Goal Setting and Listening Skills	LMC Locating Skills	Memory Skills	Outling Skills	Interpreting Skills	Test Taking Skills	Reading Strategies	Study Strategies	
	Word Meaning	Word Analysis	Synonyms and Antonyms	Context Clues	Main Ideas and Details	Contracting Meaning	Drawing Conclusions	Evaluating Information	Characters, Plot, and Reading Lit.	

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