



8th grade Curriculum <i>Primary curriculum materials</i>	Semester 1					
	Quarter 1			Quarter 2		
	August	September	October	November	December	January
<b>8th Grade Mathematics</b> <i>Amplify Desmos Math</i>	Rigid Transformations and Congruence		Introducing Slope	Proportions and Linear Relationships		Linear Equations and Linear Systems
<b>Algebra 1</b> <i>Amplify Desmos Math</i>	Representing Relationships		Linear Equations and Inequalities		Describing Data	
<b>Science</b> <i>Amplify Science</i>	Introduction to Earth Science: Big Ideas Drawings	Plate Tectonics: Changes in Earth's surface due to Energy	Minerals & Rocks: Formations and Transformations due to Energy		Earth, Moon, and Sun	
<b>English Language Arts</b> <i>EB Academics</i>	Short Story: Characterization, plot structure, and theme Ongoing through the year twice weekly: Grammar study		Novel Study: <i>The Giver</i>		Response to Literature: 5-paragraph essay	Expository Writing: Descriptive/Informative Essay
<b>Social Studies</b> <i>Creating America</i>	<i>We Are History In The Making</i> projects	The Colonial Era: Early Colonies, New England Colonies, and Middle and Southern Colonies	Roots of a Representative Government	Road to Revolution: British Control, Colonial Resistance, Declaration of Independence	The American Revolution: America's Victory, Legacy of the War, and Creating the Constitution	The Founding Presidents - Washington, Jefferson, Madison, and Jackson
<b>Bible</b>	Grand Narrative of the Scriptures	God of Covenants: Deuteronomy, Joshua, Judges, and David	The Kingdom of Judah Part 1: Solomon to Ahaziah	The Prophets Elijah and Elisha	The Kingdom of Judah Part 2: Joash to Zedekiah	In Exile: Daniel 1-7
<b>Spanish</b>	Vocabulary Study - In the Classroom			Vocabulary Study - Family		
<b>STEM</b>	Rube Goldberg Machines			Independent STEM Inquiry, STEM Challenge 1	Independent STEM Inquiry, STEM Challenge 2	Independent STEM Inquiry, STEM Challenge 3
<b>PE</b>	Establishment and reinforcement of procedures	Circuit Training, Capture the Flag, Sand Volleyball	Circuit Training, Flag and Sideline Football	Fitness Assessments, Individual and Team Dodgeball	Fitness Assessments, Goalline Soccer	Fitness Assessments, Floor Hockey
<b>Concert Band</b>	Rehearse Fall Concert repertoire			Rehearse Christmas Concert repertoire		Rehearse Festival repertoire
<b>Choir</b>	Rehearse Fall Concert repertoire			Rehearse Christmas Concert repertoire		Music Theory
<b>General Music</b>	Purpose of Music	Elements of Music		Musical Genres		Music History
<b>Art</b>	Practice Value Forms: Applying Line, Value, and Form	Self portraits using Principles of Art: Guissepe Archimboldo, "You are what you eat"	Observational Drawing: Timed and Charcoal Pumpkins	3D form: Catch up Nativity Scene and Design a Shoe with cardboard and tape	Acrylic Paint: Master Study	Story Telling: Character Building
 <b>LANSING CHRISTIAN SCHOOL</b>	The LCS curriculum aligns with established state or national standards in each subject area, including Next Generation Science Standards, Michigan Social Studies Standards, Christian Schools International Bible Standards, and Common Core State Standards in Mathematics and English Language Arts.					

8th grade Curriculum <i>Primary curriculum materials</i>	Semester 2					
	Quarter 3			Quarter 4		
	January	February	March	April	May	June
<b>8th Grade Mathematics</b> <i>Amplify Desmos Math</i>	Linear Equations and Linear Systems		Functions and Volume	Associations in Data	Exponents and Scientific Notation	
<b>Algebra 1</b> <i>Amplify Desmos Math</i>	Describing Functions		Systems of Linear Equations and Inequalities		Exponential Functions and Exponent Rules	
<b>Science</b> <i>Amplify Science</i>	Populations and Resources		Ocean, Atmosphere, and Climate	Earth's Changing Climate	Weather Patterns	
<b>English Language Arts</b> <i>EB Academics</i>	Expository Writing: Descriptive/Informative Essay	Mystery: Plot Structure, Characterization, Tone and Mood	Public Speaking: How to give a speech	Epic poetry: <i>The Odyssey</i>		Grammar Review
<b>Social Studies</b> <i>Creating America</i>	Westward Expansion - Texas Revolution, War with Mexico, and California Gold Rush	Road to Civil War: Tension Between North and South, Slavery in the U.S.	The Civil War	Reconstruction: Rebuilding the Union, Daily Life	<i>I Am History In The Making</i> final project	
<b>Bible</b>	In Exile: Daniel 1-7	In Exile: Esther	Return from Exile: Ezra and Nehemiah; Haggai and Zechariah	Intertestamental Expectations: Daniel 7-12	Biblical Expectations: Various Prophets	
<b>Spanish</b>	Vocabulary Study - Pasttimes					
<b>STEM</b>	Rube Goldberg Machines		Independent STEM Inquiry, STEM Challenge 1	Independent STEM Inquiry, STEM Challenge 2	Independent STEM Inquiry, STEM Challenge 3	Independent STEM Inquiry, STEM Challenge 4
<b>PE</b>	Fitness Assessments, Basketball	Fitness Assessments, Badminton	Circuit Training, Pickleball, Spikeball	Distance Running, Kickball, Wiffle ball	Distance Running, Ultimate Frisbee, Soccer	Distance Running, Ultimate Frisbee, Soccer
<b>Concert Band</b>	Rehearse Festival repertoire		Rehearse Spring Band Concert repertoire			Year wrap-up
<b>Choir</b>	Rehearse Fine Arts Night repertoire	Rehearse MSVMA Choir Festival repertoire	Prepare Talent Night repertoire	Prepare Talent Night repertoire	Music Theory	
<b>General Music</b>	Music History	Guitar		Music in Movies		
<b>Art</b>	Practice Value Forms: Applying Line, Value, and Form	The Elements of Art and applying Line, Value, and Form to self portraits	Observational Drawing: Timed and Animals	3D form: Catch up Nativity Scene and Design a Shoe with cardboard and tape	Acrylic Paint: Master Study	Story Telling: Character Building
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