

## 8th Grade Core Course Descriptions



Mathematics	Science	
SPORK Math is our spiraling curriculum that comprises the following courses: Students will be placed in classes based on EOY testing, teacher recommendations, and grades on comprehensive exams. 8th-grade math courses include: Algebra 2 – completion of the course with a passing grade will earn HS credit Algebra Part 1 - a repeat of Algebra Part 1- supports math skills for HS 8 <sup>th</sup> grade math – Students will receive aptitude-appropriate instruction to strengthen and improve math skills for HS preparation	STEMscopes is our primary instructional resource for teaching science. It is built on an instructional philosophy that centers on students learning science through hands-on exploration and inquiry. Each lesson includes a series of investigations and activities to bring science to life for our students so they can "learn by doing" and fully engage in the scientific process. 8th Grade topics are: Biology Chemistry Physics Earth Science 8 <sup>th</sup> grade is a MISA testing grade.	
AP Modern World History		

AP World History: Modern is an introductory college-level modern world history course. Students will cultivate their understanding of world history from c. 1200 CE to the present by analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions, and organization, and technology and innovation. Students will complete the Advanced Placement Coursework, potentially sitting for the AP Modern World History Exam, and prepare for the 8th Grade Social Studies MCAP by participating in 4 mandatory US History Seminars and exams.

Unit 1: The Global Tapestry c. 1200 to c. 1450 | Unit 2: Networks of Exchange c. 1200 to c. 1450 | Unit 3: Land-Based Empires c. 1450 to c. 1750 | Unit 4: Transoceanic Interconnections c. 1450 to c. 1750 | Unit 5: Revolutions c. 1750 to c. 1900 | Unit 6: Consequences of Industrialization c. 1750 to c. 1900 | Unit 7: Global Conflict c. 1900 to the present | Unit 8: Cold War and Decolonization c. 1900 to the present | Unit 9: Globalization c. 1900 to the present | Review and Mock Exam



## 8<sup>th</sup> Grade School Supply List - School Year 2025-26

Items to bring to school	Items to keep home	Class Specific Items
Bookbag of your choice	Packages of #2 Pencils	<u>MATH</u>
ELA & Humanities Anchor Texts***	Packages of loose leaf paper	2 sided metric and standard to
🗌 Zipper binder (Trapper Keeper)	Old worksheets	¼ inch ruler
Communications Journal	🗆 Graph paper	Calculator with Square Root
Notebook Paper (Wide Ruled)	Packages of glue sticks	Graph paper
1 pair of earbuds	Packages of ball point pens	
1 inch 3-ring binder	Packages of colored	PE/HEALTH
Blue 2 inch 3-ring binder	pencils/markers	□ Water bottle
□ <b>Blue</b> Pocket folder for homework	pencis/markers	
Insertable dividers with tabs		ELA
Large Pencil Pouch packed with:	Anchor Text Lists	□ 1-Subject Spiral Notebook
<ul><li>Pencils</li><li>Blue or Black ink pens only</li></ul>	Unit 1 - Fences by August	Pocket Folder
<ul> <li>Small pencil sharpener that</li> </ul>	Wilson	
holds shavings	<b>Unit 2 -</b> "Sanchez" by Richard	HUMANITIES
<ul> <li>2 highlighters</li> </ul>		1-Subject Spiral Notebook
<ul> <li>erasers</li> </ul>	Unit 3 - Passing by Nella Larsen	Pocket Folder
<ul> <li>colored pencils/markers</li> </ul>	AP World Only- Ways of the World by Pabert W. Strayer	
Index cards	World by Robert W. Strayer	SCIENCE
Pocket Hand Sanitizer		
Face Masks		1-Subject Spiral Notebook
Travel size personal hygiene items		ELECTIVE CLASS(ES)
(eg, feminine items & deodorant)	***Class sets of the Anchor Texts are	I-Subject Spiral Notebook
	provided however students are encouraged	
	to purchase their own copy.***	