

## **SFPA Middle School Curriculum by Grade**

<b>Grade /Subject</b>	<b>Grade 6</b>	<b>Grade 7</b>	<b>Grade 8</b>
<b>Mathematics</b>	<i>Math 1 Pre-Algebra (Math 2)</i>	<i>Pre-Algebra Algebra 1</i>	<i>Algebra 1/ Algebra 2 Introduction to Geometry</i>
<b>Physics</b>	<i>Intro to Physics</i>	<i>Heat &amp; Energy: Electricity &amp; Magnetism</i>	<i>Mechanics</i>
<b>Chemistry</b>	<i>General Chemistry 1</i>	<i>General Chemistry 2</i>	<i>General Chemistry 3</i>
<b>Biology</b>	<i>Ecology</i>	<i>Zoology ,Genetics, Botany, Evolution of Life</i>	
<b>Earth &amp; Space Science</b>	<i>Intro to Earth &amp; Space Science, Geology</i>	<i>Earth &amp; Space Science</i>	
<b>World Geography</b>	<i>World Geography Africa, Asia, Europe</i>	<i>World Geography Oceania, South America , Australia, Antarctica.</i>	<i>Americas, Global Environment</i>
<b>World &amp; American History</b>	<i>Systematic study of World History from Pre-historic people and ancient civilizations, through the Middle Ages, to Modern times, with U.S. History included.</i>		
	<i>Ancient civilizations to Rome</i>	<i>Medieval History</i>	<i>U.S. history 1600-1900</i>
<b>Foreign Language</b>	<i>Currently, Russian. Possible future offerings may include Spanish, Chinese, Hebrew.</i>		
<b>English Language Arts</b>	<i>Vocabulary, grammar, spelling, punctuation, creative writing, editing, rhetoric. Latin &amp; Greek components: roots, prefixes, affixes. Using of Cornell Note-taking format; Modern Language Association style research paper standards.</i>		
	<i>Structure &amp; origins of modern English, Socratic Seminars</i>	<i>Descriptive and narrative writing, persuasive essay</i>	<i>Speech writing &amp; delivery: Media Analysis</i>
<b>World Literature</b>	<i>World literature written about or written during each historic period encountered in other courses.</i>		
	<i>Literature of ancient civilizations; Myths Homer, Sophocles</i>	<i>Literature of Greece and Rome</i>	<i>Literature of Middle Ages; Chaucer; the Renaissance</i>
<b>Fine Arts &amp; Art History</b>	<i>Study of the fine arts, including music and painting. History of World Arts corresponding to each historic period.</i>		
	<i>Art of ancient civilizations</i>	<i>Arts of Greece and Rome</i>	<i>Art of Middle Ages</i>
<b>Computer Science</b>	<i>Computer Literacy, Introduction to Internet, Introduction to Computer Graphics</i>	<i>Basics of Computer Architecture, Engineering design process</i>	<i>Internet programming, Data Storage and Manipulation in Computer, Engineering Design</i>
<b>Health</b>		<i>Sexuality Education, Preventing Substance Abuse</i>	<i>Sexuality Education, Preventing Substance Abuse</i>
<b>Physical Education</b>	<i>Various indoor &amp; outdoor physical activities and field trips.</i>		