

Spring River Middle School Curriculum and Learning Objectives by Grade			
	6th Grade	7th Grade	8th Grade
Developing Capacities	Honing concentration and observational skills. Learning respect for peers. Developing study habits.	Taking academic tests and experiencing direct feedback through teacher reports and discussion. Analyze, debate, and draw conclusions. Working with younger mentors.	Work with an adult mentor on a special project. Initiating own learning .
Central Theme/History	Roman History, Medieval History, Medieval Quest	The Age of Explorers: Renaissance/Reformation/Age of Discovery	The Age of Revolutions: American, French and Industrial. Early American History. World History. Civics
Class Play			
Language Arts: Skills	Grammar Skills, vocabulary, punctuation, self-editing, note-taking, independent book reports, research		
Main Lesson Blocks	Historical Novels and Biographies	Biographies - of Renaissance artists, explorers, and inventors (written and oral presentations)	Biography Work. Grammar and Mechanics. Writing Skills
	Persuasive Essays, Poetry, Memorization, Letter writing, Report Writing, and Creative Writing.	Poetry and Ballads Creative Writing, Research report writing	Year long project/self-initiated and self-driven, with mentor. Listening, Speaking, Oral Expression, Note taking.
	Focus on discussion, recounting, dramatization	Critical thinking through the study of literature and information texts	
	Cyber Civics: Digital Citizenship	Cyber Civics: Information Literacy	Cyber Civics: Media Literacy
Geography Main Lesson Blocks	Europe	Cultural World Geography (religions, traditions, lifestyles, etc), Ethnobotany	Economic Interdependence
	Map reading and making	Map Reading	Research reports & travel diaries
	Country Report		
Math Main Lesson Blocks	Business Math & the Principles of Economics (decimals, percentages, interest, discounts, profit and loss)	Pre-Algebra: Ratios, Negative Numbers, Inequalities, powers, square roots, graphing, & exponents. Geometry: Fibonacci Series, Phi and Pi	Number bases, percentages, proportions, area & volume
	Geometry: Geometric Constructions using straight edge and compass	Geometry: Understand previous concepts presented; accurately draw geometric forms and perspective drawings with use of a compass, straightedge, and protractor	Geometry: Pythagorean Theorem/Platonic Solids
Math (Year Long)	Fractions, Decimals, Percents, Review of all Processes	Review of fractions, decimals and percentages then moving into pre-Algebra	Algebra
Science: Main Lesson Blocks	Physics: Acoustics, Optics, Heat, Magnetism, Electricity	Physics: Mechanics and Electricity	Meteorology. Physics- electricity, aeromechanics, fluid mechanics
	Astronomy	Inorganic Chemistry (Combustion, Acids, Bases, salts, lime cycle.)	Organic Chemistry- kitchen chemistry: proteins, fats, lipids
	Geology	Human Physiology: the 9 systems, nutrition	Anatomy- Muscles and Bones
Language(year long)	Spanish	Spanish	Spanish
Handwork	Handwork (knitting, sewing, needle felting)	Handwork (Hand sew, embroidery, doll clothing design or animal)	Machine Sewing (if possible)
Sculptural Arts	Clay modeling and sculpting, Woodwork		
Painting/Drawing	Light and shadow	Perspective drawing	Portraits
Music	Music (singing and violin)	Music (singing and violin)	Music (singing and violin)
Movement/Sports	Medieval Games, Movement	Explorer's Challenge, Movement	Primitive Skills, Movement