

Green Woods Charter School

6th Grade September – November: The Ancient World on the Move

	Theme/Topic	Standards		Essential Questions	Project/Product
Science	<ul style="list-style-type: none"> Laws of forces & motion Simple Machines buoyancy Bernoulli's Principle: Flight 	<u>Science & Tech</u> 3.1.7. B. 3.2.7.B,C,D 3.4.7.C 3.6.7.B 3.7.7.A,B,C,D,E 3.8.7. <u>A,C</u>		<ul style="list-style-type: none"> What are position, speed, velocity and acceleration? What are Newton's Laws of Motion? What are the forces of gravity, friction and pressure? How do friction and air resistance create lift? What is buoyancy? What are the basic simple machines and how are they used? 	<p>Project 1: Create working Model of Catapult</p> <p><i>Sci = design machine</i> <i>Tech = digital story</i> <i>LA = instructional writing</i></p> <p>Project 2: Ancient Wonders of the World – Build model of Ancient Wonder as it was being built, include simple machines.</p> <p><i>Sci = simple machines</i> <i>SS = ancient peoples, places, things</i> <i>Tech = Internet research, mapping new wonders of world</i> <i>LA = write directions & summary</i></p> <p>Project 3: Dragon Wings – Use story to introduce kites & flight</p> <p><i>Sci = Principles of flight</i> <i>LA = Read "Dragon Wings"</i></p>
	McDougall-Little Physical Science Physical Science Matter & Motion Science In the Home: Book 3 Foss Kit				
Social Studies	<ul style="list-style-type: none"> World Geography Investigating the Past Early Humans Ancient Mesopotamia Ancient Egypt Early history of transportation 	<u>Civics & Gov't</u> 5.1.6.A 5.4.6.B,E <u>Env & Ecology</u> 4.2.7.A,B,C 4.4.7.A,C,D 4.6.7.B 4.8.7.A,B,C	<u>Economics</u> 6.4.6.A,B,C,E 6.3.6.A,B,C <u>Geography</u> 7.1.6.A,B 7.2.6.A 7.3.6.A,B,C,D 7.4.6.A,B <u>History</u> 8.1.6.A,B,C,D 8.4.6.A,B,C,D	<ul style="list-style-type: none"> What are the major geographic features of the world? How did the environment affect early civilizations & their economic systems? How did transportation affect the growth of civilizations & trade? Who were the early hominids & what were their advancements? How did ancient cultures develop trade & transportation? What are the legacies of the Ancient Egyptians? 	<p><i>Sci = simple machines</i> <i>SS = ancient peoples, places, things</i> <i>Tech = Internet research, mapping new wonders of world</i> <i>LA = write directions & summary</i></p> <p>Project 3: Dragon Wings – Use story to introduce kites & flight</p> <p><i>Sci = Principles of flight</i> <i>LA = Read "Dragon Wings"</i></p>
	History Alive! Ancient World Ancient Transportation Various Ancient Egypt books				
Language Arts	<ul style="list-style-type: none"> Descriptive Writing Procedural Directions & Summary Writing Book Report 	<u>Reading</u> 1.1.B,C,D,F,G 1.2.A,C 1.3.A, B,C	<u>Speak/Listen</u> 1.6 <u>Research</u> 1.8	<ul style="list-style-type: none"> What are the essential elements of a descriptive piece? What are the key elements of procedural writing? What are the key figurative elements of a story? What are and how do you use comprehension strategies especially visualization? 	<p>Project 4: Time Capsule for King Tut</p> <p><i>SS = Ancient Egypt history</i> <i>LA = Read "Who Was King Tut"</i></p> <p>Project 5: Sumerian Travel Brochure</p> <p><i>SS = Sumerian History</i> <i>LA = Descriptive Writing</i> <i>Tech = Travel Brochure</i></p>
	Dragonwings Ancient Egypt books 7 Wonders of Ancient World Time Cat Anthology	<u>Writing</u> 1.4.A,B,C 1.5.B,D,E,F			
Tech	<ul style="list-style-type: none"> Ancient Wonders of the World, Google Maps Sumerian Travel Brochure Digital Story Catapult Project 	<u>Science & Tech</u> 3.6.7 B 3.7.7 C 3.7.7 D 3.7.7 E		<ul style="list-style-type: none"> How can 3-D mapping software affect our learning environment? How do you create a successful brochure? What are the key elements of a brochure? When working with images, what are useful key terms? How can you edit, crop, and otherwise modify a basic image? Describe process of creating basic digital story. Identify/explain each step in detail. 	
Google Earth, Internet, Microsoft Word, Photo Story, Picassa, Digital cameras					

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Art, Music	<ul style="list-style-type: none">• Art: Canopic Jars (Ancient Egypt)• Music: Ancient Egypt	<u>Arts & Humanities</u> 9.1.8 A,B,C,F,H 9.2.8 D,E,F	<ul style="list-style-type: none">• What purpose did canopic jars serve?• What design elements did they contain and why?	
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