

Green Woods Charter School

5th Grade: December – February
Global Citizenship in an Ever-Changing Atmosphere

	Topics/Resources	Standards	Essential Questions	Project/Product	
Science	<ul style="list-style-type: none"> Meteorology Atmosphere & Global Warming <p>McDougall-Little Earth Science Project Earth Science Ranger Rick Nature Scope</p>	<u>Science & Tech</u> 3.1.7.A, B,C, D 3.2.7.A,B,C,D 3.5.7.C, D 3.7.7.A,B,C,D 3.8.7.C	<u>Env & Ecology</u> 4.6.7.B 4.8.7 B	<ul style="list-style-type: none"> What is the Earth's atmosphere, and how does it support and protect life? How does the Sun supply the energy that drives Earth's weather and climate patterns? How can weather patterns be measured and predicted? What are the basic tools of meteorology? What are Earth's climates, and are humans affecting climate change? 	<p>Project 1: <i>Shh... Constitution</i> – Students divide into 4 groups, book divided into 4 sections. Students complete biosketch, skit, timeline, picture (book)</p> <p><i>SS = reading, group projects</i> <i>LA = reading, group projects</i></p> <p>Project 2: <i>Week in Review</i> - Be a meteorologist and a reporter who covers an environmental current event (daily weather prediction, trend, weather event)</p> <p><i>Sci = meteorology</i> <i>SS =current events & global warming effects</i> <i>LA = Oral Reports, narratives</i></p> <p>Project 3: <i>Natural Disaster Safety Flyer</i> - Students research warning and safety tips and create an informative flyer</p> <p><i>Sci = Natural disaster science</i> <i>Tech =Create flyer</i> <i>LA = Written flyer</i></p>
Social Studies	<ul style="list-style-type: none"> Constitution, Government, Citizenship States & Capitals International Relations: Case Study on Global Warming (include global citizenship) <p>History Alive! America's Past Down-to-Earth Guide to Global Warming Internet Resources</p>	<u>Env & Ecology</u> 4.2.7.A,B,C,D 4.3.7.A,B,C 4.6.7.B,C 4.7.7.B,C 4.8.7.A,B,C,D 4.9.7.A	<u>Geography</u> 7.1.6.A,B 7.2.6.A,B 7.3.6.A,B,C,D, 7.4.6.A,B	<ul style="list-style-type: none"> What are the capitals of US states? What are the basic American principles that led to the Constitution? What rights are protected in the Bill of Rights? How does US gov't address global problems? How is global warming a global issue? What is global citizenship & how does it relate to global warming? How do nations work together to address global problems? 	<p><i>Sci = meteorology</i> <i>SS =current events & global warming effects</i> <i>LA = Oral Reports, narratives</i></p> <p>Project 3: <i>Natural Disaster Safety Flyer</i> - Students research warning and safety tips and create an informative flyer</p> <p><i>Sci = Natural disaster science</i> <i>Tech =Create flyer</i> <i>LA = Written flyer</i></p>
Language Arts	<ul style="list-style-type: none"> Photo-essay @ Global Warming Oral Reports @ Weather Written Flyer @ Natural Disaster Safety Narratives <p>H&M Anthology (Nat'l Weather Occurrences) Shh... Writing Constitution Down-to-Earth Guide to Global Warming Eco-Mysteries</p>	<u>Reading</u> 1.1 A,B,D,E,F,G,H 1.2 B,C 1.3 A,B	<u>Speak/Listen</u> 1.7 A, B,C	<ul style="list-style-type: none"> How do you tell a story through pictures and texts? What are the key elements of an informational piece? What are the non-fiction features? What are the key elements of mysteries? 	<p><i>Sci = global warming science</i> <i>SS = global warming issues, consequences</i> <i>Tech = publishing, downloading, editing</i> <i>LA = narrative, opinion response</i></p>
Tech	<ul style="list-style-type: none"> Controlling a Superstorm Greenhouse Gas Lab Graph Global Warming Newspaper <p>PowerPoint, Excel, Internet, Related Web Resources</p>	<u>Science & Technology</u> 3.6.7 B 3.7.7 C 3.7.7 D 3.7.7 E		<ul style="list-style-type: none"> Which tools are available for organizing data, and when should you use each type? How can online activities help us experience things? When and how are templates useful? What are the benefits and drawbacks of using a template? 	
Music	<ul style="list-style-type: none"> Music: Constitution, States/Capitals 			<ul style="list-style-type: none"> 	