

USD 469 Lesson Plan

Lesson Title	Famous Scientists Project
Created by	Jennifer Kolb
Building	Middle School
Grade Level	Science
Subject Area	6 th
Time <i>(Time frame for the lesson)</i>	2-3 class hours
State Standards Addressed	<p>STANDARD 7: HISTORY AND NATURE OF SCIENCE – The student will examine and develop an understanding of science as a historical human endeavor.</p> <p>Benchmark 2: The student will research contributions to science throughout history.</p>
Technology Equipment <i>(list the equipment needed and what needs to be connected before the lesson begins. Also any instructions on connecting)</i>	computers with internet connection, printer
Tips <i>(Special instructions or information that will help the instructor be successful using the equipment. What the students need to know BEFORE the lesson? What do the teachers need to know before the lesson?)</i>	<p>Discuss with students the importance of being a responsible internet user and how to find appropriate information. We discuss that sites that end in .edu or .gov are generally safe to explore. I also provide websites that are helpful. I would recommend checking the links before giving them out as they change frequently.</p> <p>http://www.multcolib.org/homework/biohc.html http://www.ala.org/ala/alsc/greatwebsites/greatwebsitesbiographies.ht</p>
Activity Type <i>(list all that apply- Group activity, Cooperative learning, Research, Hands on, etc...)</i>	Research, Hands on
Activity Context <i>(Briefly describe how the activity fits into the context of the lesson. What will precede the activity? What will follow the activity? What do you want to accomplish by using the activity in your classroom)</i>	The activity involves using the computer to locate information for the famous scientist project. Students are assigned a famous scientist to gather information about. The scientists include: Alfred Wegener, Albert Einstein, Marie Curie, J. Tuzo Wilson, Jane Goodall, Rachael Carson, Isaac Newton, Henrietta Leavitt, Louis Pasteur, Edwin Hubbl Bill Gates, Anders Celsius, Jacques Cousteau, Galileo, Winifred

	<p>Goldring, Jane Goodall, Temple Grandin, Stephen Hawking, Dian Fossey, Pythagoras, Hippocrates, Sally Ride, Nicolas Copernicus, Dmitri Mendeleev, Charles Darwin...</p> <p>Using the computer students locate the following information about their scientist. Students will write the web addresses where they found their information:</p> <ol style="list-style-type: none"> 1) Locate and print a picture of their scientist in goggle images 2) Find the entire name of their scientist 3) What kind of scientist was/is their person: biologist, physicist, geologist, etc... 4) Find the date the scientist was born and when they died or how old they are if still alive 5) What country they were born in and where they worked 6) Why their scientist is famous: discoveries, formulas, societies they belonged to, etc.. 7) A quote by the scientist: www.quotationspage.com; www.brainyquotes.com <p>After all material is gathered students will create a poster that highlights their famous scientist and why they are important. By using the computer students are able to search a variety of sites to find relevant information pertaining to their scientist.</p>																				
<p>Additional Materials/Resources (Handouts)</p>	<p>A rubric for grading:</p> <table border="1" data-bbox="695 1219 1149 1634"> <thead> <tr> <th>Famous Scientists Rubric</th> <th>Points</th> </tr> </thead> <tbody> <tr> <td>picture of scientist</td> <td>5</td> </tr> <tr> <td>name of scientist</td> <td>5</td> </tr> <tr> <td>type of scientist</td> <td>5</td> </tr> <tr> <td>Birth date and age/ death</td> <td>5</td> </tr> <tr> <td>birthplace</td> <td>5</td> </tr> <tr> <td>where they worked</td> <td>5</td> </tr> <tr> <td>why scientist is famous</td> <td>5</td> </tr> <tr> <td>quote</td> <td>5</td> </tr> <tr> <td>web addresses</td> <td>5</td> </tr> </tbody> </table> <p>Poster paper for final compilation of material</p>	Famous Scientists Rubric	Points	picture of scientist	5	name of scientist	5	type of scientist	5	Birth date and age/ death	5	birthplace	5	where they worked	5	why scientist is famous	5	quote	5	web addresses	5
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<p>Extension Activities/Follow up (What do you do next? How do you know it was successful? Other activities to do.)</p>	<p>Students will present their posters to the class explaining why their scientist is famous. Rubric is used to score assignment.</p>																				

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