

Teacher: <b>Emily Armgardt</b>		School: <b>Hosford Middle School</b>
Subject: <b>Science</b>	Course Title: <b>Integrated Science</b>	Grade Level(s): <b>7th</b>
Prerequisites: 6th grade Integrated Science		
<p>Course description:</p> <p>This year, your child is using a science course developed by SEPUP, the Science Education for Public Understanding Program. SEPUP has developed and published innovative and highly acclaimed middle school curriculum for more than 30 years, and was funded by the National Science Foundation. SEPUP is an engaging hands-on course based on the educational approach of scientific inquiry.</p>		
<p><b>Priority Standards:</b></p> <p>Oregon has now adopted the Next Generation Science Standards. These standards represent a more rigorous way for students to learn science, by focusing more on major conceptual understanding, combined with the use of science and engineering practices, and an awareness of cross-cutting concepts that are relevant to all of science.</p> <p>Link to NGSS Standards online: <a href="http://www.nextgenscience.org/">http://www.nextgenscience.org/</a>  Link to CCSS for Science/Technical Writing: <a href="http://www.corestandards.org/ELA-Literacy/RST/6-8/">http://www.corestandards.org/ELA-Literacy/RST/6-8/</a>  Link to CCSS Writing Standards for grades 6-8: <a href="http://www.corestandards.org/ELA-Literacy/W/8/">http://www.corestandards.org/ELA-Literacy/W/8/</a>  Link to CCSS Speaking and Listening Standards for grades 6-8:  <a href="http://www.corestandards.org/ELA-Literacy/SL/8/">http://www.corestandards.org/ELA-Literacy/SL/8/</a></p>		
<p><b>Schedule of topics/units covered:</b></p> <p>This year’s main topics of study will include: Ecology, Plate Tectonics, Pacific Northwest Focus, Chemistry of Materials</p> <p>In addition to the SEPUP instruction, we will interject some other relevant activities and projects as we see fit such as inquiry projects.</p>		
<p>Academic Vocabulary:</p> <p>See <a href="http://www.lab-aids.com">www.lab-aids.com</a>. Vocab words are located at the start of each activity.</p>		
<p>District adopted materials</p> <p><i>SEPUP Issues and Life Science, Issues and Earth Science, and Issues and Physical Science</i></p> <p>You can access the text books by logging onto <a href="http://www.lab-aids.com">www.lab-aids.com</a></p> <p>Login: science</p> <p>Password: inspires</p>		

Supplemental resources: none

Differentiation/ accessibility strategies and support (TAG, ELL, SpEd, other):

Flexible grouping

Depth and complexity extensions

Rate and level curricular adjustments

Tiered lessons

Diverse questioning strategies

Final proficiencies:

State Inquiry Work sample(s) that successfully score 4 or higher in all 4 aspects of the State Inquiry Scoring Guide (different from the regular 4 point rubric). Demonstration of understanding of the PPS and Oregon Science standards on teacher made tests or portfolios of student work. Students will also be assessed on their ability to practice sound scientific techniques by keeping an organized and complete Lab Notebook as a record of their investigations.

Essential skills to be taught or assessed:

Read and comprehend

Write clearly and accurately

Listen actively and speak clearly

Apply mathematics

Think critically

Personal management and teamwork

Use of technology

Global Literacy

**Assessment/evaluation/grading policy:**

Per district guidelines, I will be using a proficiency-based grading scale that provides me with the ability to communicate performance without the constraints of the traditional A-F scale.

Description	Letters	Points
Student goes beyond the minimum level of proficiency for the standard.	HR	4
Student meets proficiency for standard.	PR	3
Student is making progress towards standard, but has not yet demonstrated proficiency.	CP	2
Student has not yet gained proficiency on the standard.	DP	1

In this proficiency-based grading system, students are not given letter grades for assignments. Assignments and assessments are scored using the corresponding 4 point scale.

**In this curriculum a grade of Proficient means that everything is complete and correct and that the student has met the standards for the course. In order to score Exceeds a student needs to go above and beyond what is presented in the curriculum and in class. Examples of HR will be provided for students to paste into their laboratory notebook.**

**Behavioral expectations:**

*ATTENDANCE:* It is expected that students will be present in class every day unless a note from a parent or guardian is provided and the absence is excused. Students are responsible for making up all work missed while they are absent in order to receive a grade for that work. Make up work is difficult (and sometimes impossible) to complete, especially for labs that require special setup or live specimens, therefore regular attendance is strongly encouraged. Make up work for excused absences will be accepted for up to three days after the student returns to school or by special arrangement. Make up work for unexcused absences will be accepted at my discretion.

*TARDINESS:* When students are tardy they miss the instructions and set up for the whole day's work. This is a very important time for the whole class. If you are tardy please come in quietly, and wait to get the information you missed, so as not to disturb the class any more than necessary.

*HALL PASSES:* Hall passes will be issued only in emergencies and not within the 10 minute periods at the beginning and end of a class. You are expected to complete such business within 5 minutes.

*RULES:* It is my philosophy that every student has the right to a classroom environment that is conducive to learning and free from unnecessary disruptions. It is each student's responsibility to behave in a manner that is respectful of the rights of all members of the class.

Be Safe

Be Respectful

Be Responsible

All other rules are related to these three rules.

**Electronic devices are not allowed at Hosford and will be confiscated if seen and turned into the main office for parent to pick up.**

*CONTACT INFORMATION:* If you need to contact me, email is the most efficient method. I am a half time teacher, so I am only on campus from 8:30 to approximately 1:30. My email address is [earmgardt@pps.net](mailto:earmgardt@pps.net). You can also contact me by phone at 503-916-5640.

**Safety issues and requirements:**

Students must share and return the **required** PPS Lab Safety Agreement with signature of parent or guardian before they can participate in lab activities. They should adhere to all aspects of safety included in that document.

Signature of instructor completing this form: **Emily Armgardt**