

Worksheet 5-5— Lesson Plan

Format

(adapted with permission)

Subject: Minerals	Teacher: Nicole Clayton & Sherrilynn Bair
Lesson Name: Minerals Matter	Location: science classroom
Class: Geology	Unit Context:
Date: March 10, 2009	

Activities	Big6™ Skills	Idaho Science Standards
1.1 Students will choose one mineral from a list of 10 minerals that affect their lives.	Task Definition	8-9.ES.1.6.1 Identify questions and concepts that guide scientific investigations. (649.01a)
1.2 Students will prepare a 5 minute presentation of their own choosing (rubric)		
2.1 Students will choose 3 sources that contain information relevant to the task.	Information Seeking Strategies	8-9.ES.1.6.2 Utilize the components of scientific problem solving to design, conduct, and communicate results of investigations. (649.01b)
2.2 internet, periodicals, textbooks, encyclopedia, personal interviews		
3.1 Students will choose from the above resource list to find information relevant to the task.	Location and Access	
3.2 Go to the library		
4.1 & 4.2 Students will determine what information is relevant to the task and extract that information for use.	Use of Information	
5.1 & 5.2 Students will put together a class presentation that includes 1 of the choices listed:	Synthesis	
<ul style="list-style-type: none"> • skit • video (homemade) • magazine cover • poster • wanted poster • verbal presentation 		
6.1 Peer evaluation with rubric.	Evaluation	
6.2 Students will provide feedback via teacher prompted & student self-evaluation		

Learning Context:

- use library resources (books, internet, librarian) to research and gather information (in library)
- student/teacher discussion in library as students compile information
- students work on projects in science classrooms

Materials/Resources:

- Use Lili database as major internet resource.
- sample of previous projects
- grading rubric
- general art supplies available (scissors, poster board, markers, etc.)
- samples of materials/products/food products that contain minerals

Evaluation:

- peer evaluation with rubric (effectiveness)
- student enthusiasm & student reflection regarding activity (efficiency)

Notes:

Big 6 is wicked awesome!

