

Rock and Mineral Display Case Project

~Summative Assessment

You must choose a rock or mineral to become an expert on to put on display in the display case in the Science hallway (upstairs in A-wing)

1. Name tag: *-Creativity is important here!*

-See www.1001freefonts.com

-The Chemical Formula must be included on the name tag.

2. Creativity is used in your display

-Design a display that is appropriate to your mineral characteristics, size of your sample, and **your creativity**.

3. Place of origin:

-Where can you find it? (location of mines)

-How it formed? It's origin. (Some minerals are easier than others)

4. Any geologic characteristics it may have.

-Physical Properties (*we have learned about*)

Such as: cleavage, density, color, luster, hardness, streak, special characteristics. Any additional must be something that YOU understand and are familiar with!

You will lose points if you copy and paste, and have items you cannot explain.

5. Any historical significance with our modern society

-Brief explanations **in your own words**

-Uses of the mineral should tie into physical properties

(Example: Galena=Lead=pipes=now we know is toxic).

-Mines, location of mines, how is it mined

-Value in dollars, value to products in society (past or present)

6. 1 Page Step-Up Paper: (*You will be provided with more direction*)

-Using Criterion D: Reflecting on the Impacts of Science

-Explain the ways in which your mineral is used to solve a problem or issue. This is related to the uses of your mineral and the products

it is (was) used in. Example: Galena (mined for lead), used in paint, causes brain damage, no longer is used in paint and other products)

7. Reference page:

-(MLA) Use MyBib Google Chrome Extension or easybib.com, Citation Machine, or Owl Purdue

8. Overall display Set Up:

Is it complete, creative, and informational?

9. Presentation:

Oral Presentation or video to the class at the Mineral Case.