

Student Choice Project

Name _____

Choose one projects from those listed below. Imagine you are a geologist working a crime scene. There are several pieces of evidence that must be identified. Use your knowledge of density to explain how you might identify each unknown object.

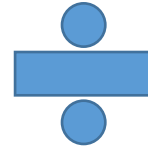


Do an Experiment

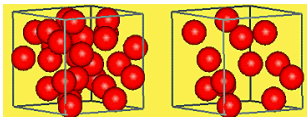


$$D = \frac{M}{V}$$

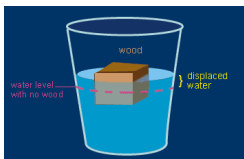
Write a math lesson



Create a video



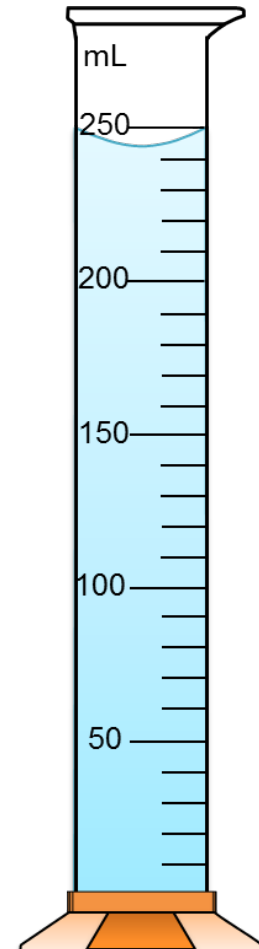
Create a poster



Write a science lesson



Write a song or poem



Student Choice Project

Name _____

Choose one projects from those listed below. Imagine you are a geologist working a crime scene. There are several pieces of evidence that must be identified. Use your knowledge of density to explain how you might identify each unknown object.



Do an Experiment

Design and experiment that would help your classmates understand how to use density to identify unknown substances.

$$D = \frac{M}{V}$$

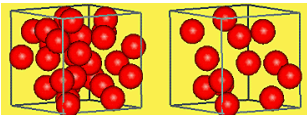
Write a Math lesson

Create 5 math problems that demonstrate your knowledge of density. Explain each problem showing how to calculate density and show your work and answers. Use your knowledge of density to explain how you might identify unknown objects.



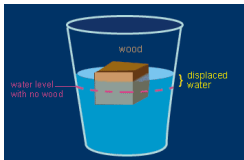
Create a Video

Produce a video showing how density determines whether an object will float or not float. Be sure to explain what density is in terms of molecules. Use your knowledge of density to explain how you might identify unknown objects.



Create a Poster

Create a poster that explains how molecules in an object determine its density. Use your knowledge of density to explain how you might identify unknown objects.



Write a Science Lesson

Create a lesson on how density determines if objects will float. Use your knowledge of density to explain how you might identify unknown objects.



Write a Song or Poem

Write a song or poem that helps understand how to calculate density. Use your knowledge of density to explain how you might identify unknown objects.