

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Team: Argentina    Brasil    Colombia

**Objective:** To use our imagination and knowledge of minerals create a mineral that can be used for some kind of task.

**Introduction:** Did you use a cell phone today? Open up a bag of chips? Turn on a light? Drink out of a plastic water bottle? You can thank a mineral! No two minerals are the same, and their functions vary. As we learned in our gemstone reading, geologists and gemologists have found discovered ways to create new minerals to serve purposes. For this assignment, you will have the opportunity to invent your own mineral, from how it look to the purpose that it serves.

What are some commonly found minerals and their uses?

Name	Use	Description
Uranium	supplies more than 20% of US's energy in the form of nuclear generation.	
Fluorite	used in pottery, ceramics and plastics.	
Halite	used in food seasoning and food preservation. Included in hydrochloric acid, chlorine, and in some mineral water	
Lithium	most commonly found in batteries in hand-held devices (phones)	
Quartz	usd in heat-ray lamps, manufacturing glass, prism and spectographic lenses	

## Outline

Name of Mineral: \_\_\_\_\_

Chemical Composition: \_\_\_\_\_

Appearance:

Color: \_\_\_\_\_

Breakage: \_\_\_\_\_

Luster: \_\_\_\_\_

Streak or no streak: \_\_\_\_\_

Distinguishing Characteristics: \_\_\_\_\_

Where is this mineral naturally found? \_\_\_\_\_

What is the function of this mineral? \_\_\_\_\_

## Rubric:

\_\_\_\_\_ Student has their Name, Date and Team Name in the upper left corner of the page

\_\_\_\_\_ Student has their paragraph in size 12, Times New Roman font

\_\_\_\_\_ Student has a topic sentence in the beginning of their paragraph that introduces readers to their mineral.

\_\_\_\_\_ Student has included the name of their mineral and its chemical composition.

\_\_\_\_\_ Student has described the physical appearance of the mineral, identifying all 4 physical properties of minerals.

\_\_\_\_\_ Student has created distinguishing characteristics of the mineral.

\_\_\_\_\_ Student has written where the mineral is naturally found.

\_\_\_\_\_ Student has clearly explained and described the function of this mineral.

\_\_\_\_\_ Students' paragraph is free of spelling and grammatical errors.

\_\_\_\_\_ Students' style of writing is similar to a sales pitch.

\_\_\_\_\_Students' paragraph is shared with [emily.elpuente@gmail.com](mailto:emily.elpuente@gmail.com) by Monday at 10 pm.