

Name _____ period _____

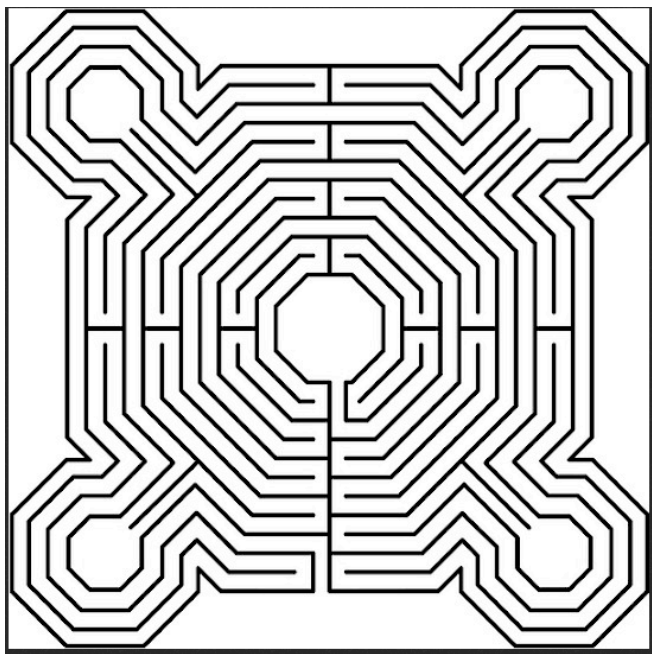
6th Grade Do Now

SCI.6.5A Know that an element is a pure substance represented by chemical symbols

SCI.6.6A Compare metals, nonmetals and metalloids using physical properties such as luster, conductivity or malleability

Monday Date _____

Name three different metals that are used in your life.



Tuesday Date _____

Write the symbols of three nonmetals and three metalloids.

Can you find the 10 hidden objects in this picture?



button



umbrella



horseshoe



cup



toothbrush



crayon



coin



sock



ring



fork



Wednesday Date _____

Where do you find the metalloids on the Periodic Table?

- A. On the right side
- B. On the left side
- C. In the last column
- D. On the zigzag line that starts in group 13

Thursday Date _____





Aluminum, sulfur and chlorine are elements found on the periodic table. Tests involving these three elements would show that at normal room temperature -

- A. sulfur is malleable and aluminum conducts electricity
- B. chlorine is malleable and conducts electricity
- C. aluminum is malleable and conducts electricity
- D. all three elements are malleable and conduct electricity

Friday Date _____

Some students conducted a laboratory investigation to learn more about the physical properties of different elements. They observed four samples and recorded their observations in the table below.

Properties of Four Elements

Sample	Appearance	Physical Properties
1		<ul style="list-style-type: none">• Dull• Yellow• Powdery solid• Smells like eggs• Broken by hammer
2		<ul style="list-style-type: none">• Silvery-gray• Solid• Shaped into a bar• Dented by hammer
3		<ul style="list-style-type: none">• Reddish-brown• Shiny solid• Shaped into a wire• Can be stretched• Dented by hammer
4		<ul style="list-style-type: none">• Silvery-gray• Solid• Small round pellets• Flattened by hammer

Based on these observations, which sample is most likely a nonmetal?

- A. Sample 1
- B. Sample 2
- C. Sample 3
- D. Sample 4