

## Physical and Chemical Properties of Metals Scavenger Hunt

### *What do you know?*

You should have watched the videos on physical and chemical properties of metals.

You should know the difference between physical and chemical properties.

You should be able to describe examples of physical and chemical properties of metals.

### *What should you do now?*

You are going to complete a Chemistry Scavenger Hunt based on the physical and chemical properties of metals. You can do this on your own or with a partner.

Use the criteria below to find an example of an item that fits the description.

You should create a PowerPoint presentation with one slide for each item.

Each slide should have a photo of an item you have found that fits the criteria, and a short note explaining why the item fits the criteria on the list. The photo should be something you have found in school or at home.

You will present your PowerPoint to the class.

### *Here are the criteria:*

1. A periodic table showing where metals are found.
2. A metal conducting heat.
3. A metal being sonorous.
4. An example of a metal that has been oxidised.
5. A Group II Metal compound.
6. Something that uses a metal as a catalyst.
7. An amphoteric substance.
8. Something ductile.
9. A magnetic substance.
10. A metal conducting electricity.
11. A liquid metal.
12. Something malleable.
13. A Group I metal compound.
14. A transition metal.
15. Metals in the kitchen – any one example not already used.



### *What is your deadline?*

Your teacher will tell you when your presentation is due.

**Good luck and happy hunting!**