

Properties of materials

This task is about the properties of different materials.

Below is a table showing some different materials and their properties

Material	Properties			
	Shiny	Can be bent	Heats up	Melts easily
Gold	Yes	Yes	Yes	No
Wood	No	A little	No	No
Plastic	Sometimes	Yes	No	Yes
Iron	Yes	Yes	Yes	No

a) Which **one** material would you put in the same group as gold?

☒ Gold

☐ Wood

☐ Plastic

☐ Iron

b) What are the **two** main differences between plastic and iron?

c) Objects when they are put on stoves or fires can get hot.

Which material from the table would be the best for making the handle of this object?

Gold/ Wood/ Plastic/ Iron

Explain why you chose this material.

d) What is the main difference between chalk and wood?