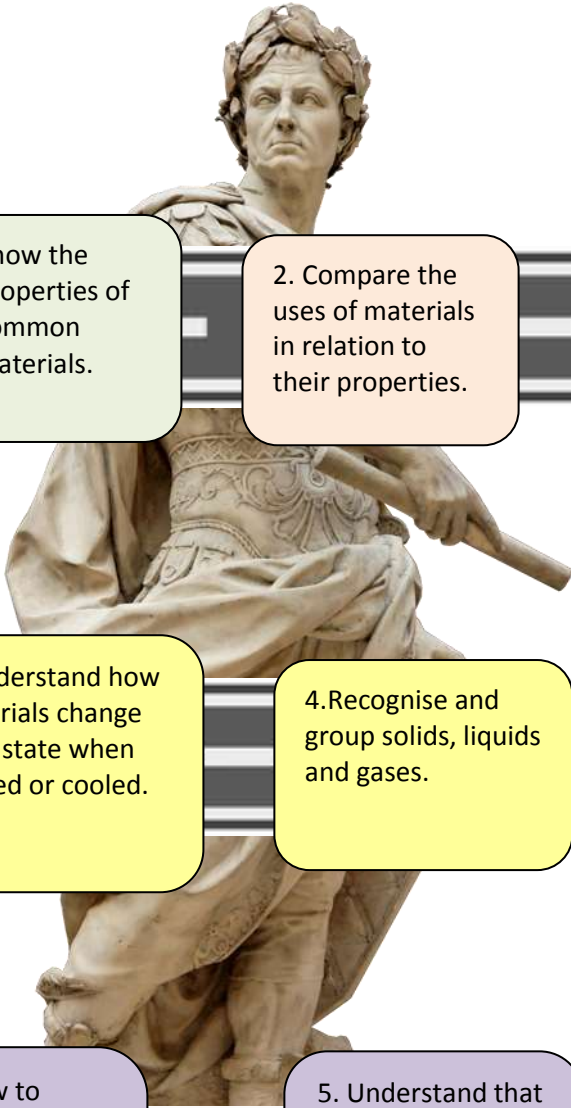



Materials

Progression of knowledge (Colour – coded in year groups)



1. Know a selection of man-made and natural materials, their origins and objects that are made from them.

1. Know what materials everyday objects are made from.

1. Know the properties of common materials.

2. Compare the uses of materials in relation to their properties.

2. Know how materials can be changed by squashing, bending etc.

3. Describe and compare different types of rocks.

4. Understand evaporation and condensation within the process of the water – cycle.

4. Understand how materials change their state when heated or cooled.

4. Recognise and group solids, liquids and gases.

3. Know that soils are made from rocks and organic matter

3. Know what fossils are and how they are formed.

5. Group materials according to their transparency, solubility, conductivity and response to magnets.

5. Know how to separate mixed materials and recovered dissolved ones, understanding the terms reversible and irreversible.

5. Understand that irreversible changes result in a new material being made.

5. Investigate through testing why some materials are better suited for specific uses.