

# ELEMENTS AND COMPOUNDS

## Key Stage 2 Science

- Distinguish a physical from a chemical property.
- Use properties to identify that an object is made of metal.

## From topic PARTICLES

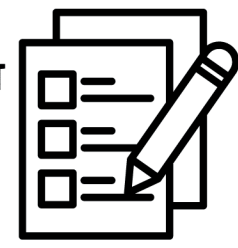
- Materials are made of particles which are too small to see, even with a microscope.

## PRIOR LEARNING

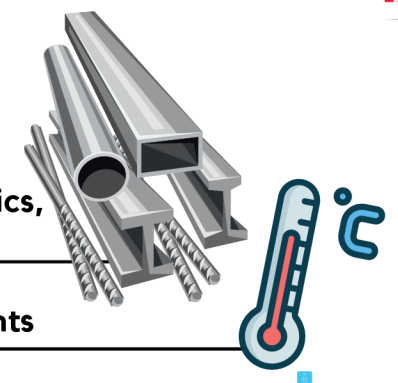


Consolidate prior learning

## PRE ASSESSMENT

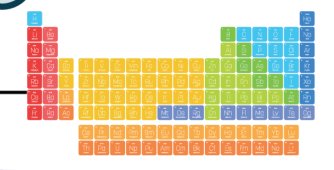


Properties of metals, ceramics, polymers and composites



Properties of elements

The Periodic Table



## TEACHER ASSESSMENT

How well can I draw diagrams to show the numbers of subatomic particles in some common elements?



## END OF TOPIC ASSESSMENT

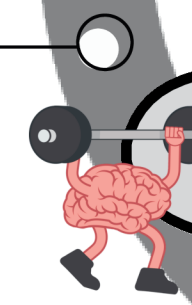


## Key Stage 3 topics

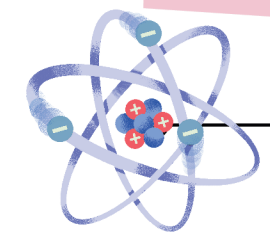
- ACIDS AND ALKALIS
- METALS AND NON-METALS

## LATER LEARNING

## KNOWLEDGE ASSESSMENT 2

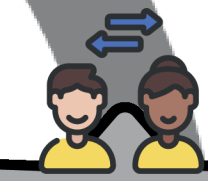


Sub-atomic particles



## PEER ASSESSMENT

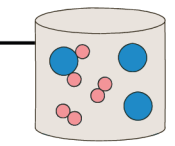
How well can I describe the organisation of the Periodic Table?



## KNOWLEDGE ASSESSMENT 1



Molecules, compounds and mixtures



## SELF ASSESSMENT

How well can I use models to explain atoms, elements, molecules, compounds and mixtures?



## Working scientifically

- WS 1.2 Use a variety of models such as representational, spatial, [...] to develop scientific explanations and understanding of familiar and unfamiliar facts.
- WS 2.4 Carry out experiments appropriately having due regard for the correct manipulation of apparatus, the accuracy of measurements and health and safety considerations.

