

List the metals in order of reactivity

Use the reactivity series to explain why magnesium is extracted from its ore differently to copper

## C6.1 Improving processes and products

What is an ore?

Draw a labelled diagram of an aluminium electrolysis cell and explain how it is used to extract aluminium.

Draw a labelled diagram of a blast furnace and explain how it is used to extract iron.

## Links



C3.3 Types of chemical reaction  
C3.4 Electrolysis  
C4.1 Predicting chemical reactions  
C5.1 Controlling reactions  
C5.2 Equilibria



C6.2 Interpreting and interacting with Earth systems

What are the advantages of recycling?

What are the disadvantages of recycling?

Keywords

Using electrical wires as an example, explain how we use the properties of a material to decide whether it is suitable for a particular use

## C6.1 Improving processes and products

What is the definition of a hydrocarbon?

Draw the first four alkanes and write their molecular formulae

Use a diagram to help explain what fractional distillation is

Use a diagram to help explain what cracking is

Outline what a life cycle assessment is

## Links



C3.3 Types of chemical reaction  
C3.4 Electrolysis  
C4.1 Predicting chemical reactions  
C5.1 Controlling reactions  
C5.2 Equilibria



C6.2 Interpreting and interacting with Earth systems

Keywords