

How does water get to be potable?

.....
.....

Compare the use of plastic and paper bags in regards to the Life Cycle Assessment.

.....
.....
.....
.....
.....
.....
.....

State the advantages and disadvantages of recycling.

.....

In the space below describe the life cycle of a product

.....

Using Resources

Define the key words below.

Keyword	Definition
Natural Resources	
Renewable resources	
Finite resources	
Sustainable development	
High Grade Ore	
Low Grade Ore	

In the space below describe with the use of diagrams how copper can be extracted through smelting, phytomining and bioleaching.

Smelting

Phytomining

Bioleaching

What is corrosion? Name the two substances needed for corrosion to occur

Give 3 ways corrosion can be prevented

Write the word and symbol equation for the Haber Process

Using Resources – Separates Content

State a use of the following alloys

Alloy	Use
Bronze	
Brass	
Gold jewellery	
Steel	
Aluminium alloys	

State the conditions used for Haber Process. (Temperature, pressure and catalyst) Explain why this is called a compromise

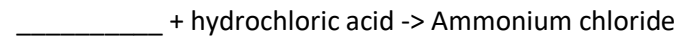
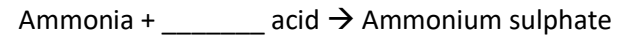
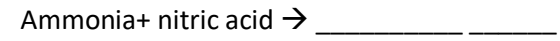
Complete the table to show the properties of the following polymers

Polymer	Structure	Conditions needed	Properties
LD polyethene			
HD polyethene			
Thermosetting			
Thermosoftening			

What are composites?

Give 3 examples of composites and ceramics

Complete the equations to show how ammonium salts are created to use in fertilisers



Which three elements are present in NPK fertilisers?

What are these elements used for in plants?