

Chapter 14: The Earth's resources

Retrieval questions

Answer the following questions using the information from the knowledge organiser.

C14 questions		Answers
1	What do we use the Earth's resources for?	
2	What are some examples of natural resources?	
3	What are some examples of synthetic resources?	
4	What is a finite resource?	
5	What is sustainable development?	
6	What are the four main types of water?	
7	What is potable water?	
8	In the UK, how is potable water extracted from fresh water?	
9	What is sterilisation?	
10	What are three examples of sterilising agents?	
11	How can potable water be produced from salt water?	
12	How can desalination be carried out?	
13	What are the three main types of waste water?	
14	What can waste water contain?	
15	What is the first step in processing waste water?	
16	What is sedimentation?	
17	How is sludge treated?	
18	How is effluent treated?	
19	What is phytomining?	
20	What is bioleaching?	
21	What is a life cycle assessment?	
22	What are the four stages of a life cycle assessment?	<ul style="list-style-type: none">••••
23	How can we reduce the amount of new materials manufactured?	
24	In what ways can materials that are not recycled be disposed?	

Chapter 15: Making our resources

Retrieval questions

Answer the following questions using the information from the knowledge organiser.

C15 questions		Answers
1	What is corrosion?	
2	What physical barriers be used to protect against corrosion?	
3	What is sacrificial protection?	
4	How is rust formed?	
5	What are two alloys of copper?	
6	What are gold alloys in jewellery made from?	
7	What are steel alloys made from?	
8	What is a property of aluminium alloys?	
9	What is the main difference between soda-lime and borosilicate glass?	
10	Give two examples of clay ceramics.	
11	What two things do the properties of polymers depend on?	
12	What is the main difference between thermosetting and thermosoftening polymers?	
13	What is a composite?	
14	Name two composites.	
15	What is the balanced symbol equation for the Haber process?	
16	What is the ammonia used for?	
17	What is the effect of increasing the temperature of the Haber process on the yield, rate, and cost?	
18	What is the effect of increasing the pressure of the Haber process on the yield, rate and cost?	
19	What catalyst do we use for the Haber process?	
20	What are the conditions for the Haber process?	
21	What is an NPK fertiliser?	