



## Using Resources

Specification statement	Self-assessment		
	First review 4-7 months before exam	Second review 1-2 months before exam	Final review Week before exam
These are the bits the exam board wants you to know, make sure you can do all of these...			
I can describe the different ways humans use the Earth's resources, including warmth, shelter, food and transport	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can state the resources we get from the Earth come from a range of sources including the land, oceans and atmosphere	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can differentiate between finite and renewable resources	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can state the importance of water to human life	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall the methods used to produce portable water	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the ways of sterilising water	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the process of desalination	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can recall the difference between pure and portable water	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the process of waste water treatment	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe different method for purifying water	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can explain the reasons for developing new method to extract metals from the Earth	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the process of bioleaching	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the process of phytomining	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can assess the impact of raw materials, manufacturing, packaging, uses and disposal of an object	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can analyse Life Cycle Assessments	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe ways of reducing the amount of resources used.	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the process of rusting <b>Chemistry only</b>	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe ways to prevent corrosion <b>Chemistry only</b>	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can interpret result that show which factors affect rusting <b>Chemistry only</b>	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe the structure of an alloy <b>Chemistry only</b>	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹
I can describe how the structure of an alloy relates to its properties <b>Chemistry only</b>	☺ ☹ ☹	☺ ☹ ☹	☺ ☹ ☹



I can state the composition of most of the glass we use <b>Chemistry only</b>	😊 😐 😞	😊 😐 😞	😊 😐 😞
I can describe the makeup of clay ceramics <b>Chemistry only</b>	😊 😐 😞	😊 😐 😞	😊 😐 😞
I can link the properties of polymers to their structure <b>Chemistry only</b>	😊 😐 😞	😊 😐 😞	😊 😐 😞
I can define the term composite and describe some uses <b>Chemistry only</b>	😊 😐 😞	😊 😐 😞	😊 😐 😞
I can recall what the Haber process is used for <b>Chemistry only</b>	😊 😐 😞	😊 😐 😞	😊 😐 😞
I can state the source of nitrogen and hydrogen <b>Chemistry only</b>	😊 😐 😞	😊 😐 😞	😊 😐 😞
I can state the conditions needed for the Haber process <b>Chemistry only</b>	😊 😐 😞	😊 😐 😞	😊 😐 😞
I can apply the principles of dynamic equilibrium to the Haber process <b>Chemistry only</b>	😊 😐 😞	😊 😐 😞	😊 😐 😞
I can describe the production and uses of NPK fertilisers <b>Chemistry only</b>	😊 😐 😞	😊 😐 😞	😊 😐 😞