



You will learn about:

- The Earth’s resources and how we use them.
- Ways of recycling and why recycling is so important.

You will be able to:

- Use graphical analysis to support arguments and analyse water samples.

<table border="1"> <tr> <td colspan="2">Key learning points</td> <td></td> </tr> <tr> <td colspan="2">Using the Earth’s resources</td> <td></td> </tr> <tr> <td colspan="2">Potable water</td> <td></td> </tr> <tr> <td colspan="2">Wastewater treatment</td> <td></td> </tr> <tr> <td colspan="2">Metal extraction</td> <td></td> </tr> <tr> <td colspan="2">Recycling</td> <td></td> </tr> </table>					Key learning points			Using the Earth’s resources			Potable water			Wastewater treatment			Metal extraction			Recycling			<p style="text-align: center;">Key Words</p> <p>resources sustainable finite potable sedimentation desalination reverse osmosis distillation evaporation condensation purity boiling point sewage anaerobic aerobic phytomining bioleaching hyperaccumulators toxic metals extracting manufacture disposal recycling limited resource reduction of use reuse of resources corrosion sacrificial protection galvanising electroplating alloy</p>	
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<p>Links to other subjects:</p> <p>SMSC: Understand and appreciate the impacts of human development on the environment and describe the effects that this is having. The need for clean water in all countries and the best ways to achieve that within local communities</p> <p>Literacy: Describe and explain the use of the Earth’s resources and how humans are impacting on this. Describe and debate the need for recycling.</p> <p>Numeracy: Use decimal and standard form, use appropriate significant figures, construct tables and histograms, ratios, fractions, percentages and convert graphical form into numerical form to be used in argument writing.</p>																								
Research	Note-making	Group work & discussion	Memorisation	Precision & accuracy	Independence	Reflection																		