



# Longfield Learning Journey



|                       |                                      |                |  |  |
|-----------------------|--------------------------------------|----------------|--|--|
| <b>Year Group: 11</b> | <b>Unit of work: Using resources</b> | <b>Term: 1</b> |  |  |
|-----------------------|--------------------------------------|----------------|--|--|

| <b>Content of unit:</b>  | <b>R</b> | <b>A</b> | <b>G</b> |
|--|----------|----------|----------|
| Finite resources   |          |          |          |
| Potable and pure water   |          |          |          |
| Water treatment and desalination of water                          |          |          |          |
| Lifestyle and industry on water pollution                          |          |          |          |
| Phytomining and bioleaching  |          |          |          |
| <b>Required practical – water purification pH and distillation</b> |          |          |          |
| <b>Required practical – desalination of sea water</b>              |          |          |          |
| Life cycle assessment  |          |          |          |
| Reduction of use and recycling                                     |          |          |          |
| Corrosion  |          |          |          |
| Alloys   |          |          |          |
| Glass and polymers   |          |          |          |
| Haber process  |          |          |          |
| Fertilisers  |          |          |          |

**K**

*What you know*

**W**

*What you want to know*

**L**

*What have you learned*

| <p><b>K</b></p> <p><i>What you know</i></p> | <p><b>W</b></p> <p><i>What you want to know</i></p> | <p><b>L</b></p> <p><i>What have you learned</i></p> |
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