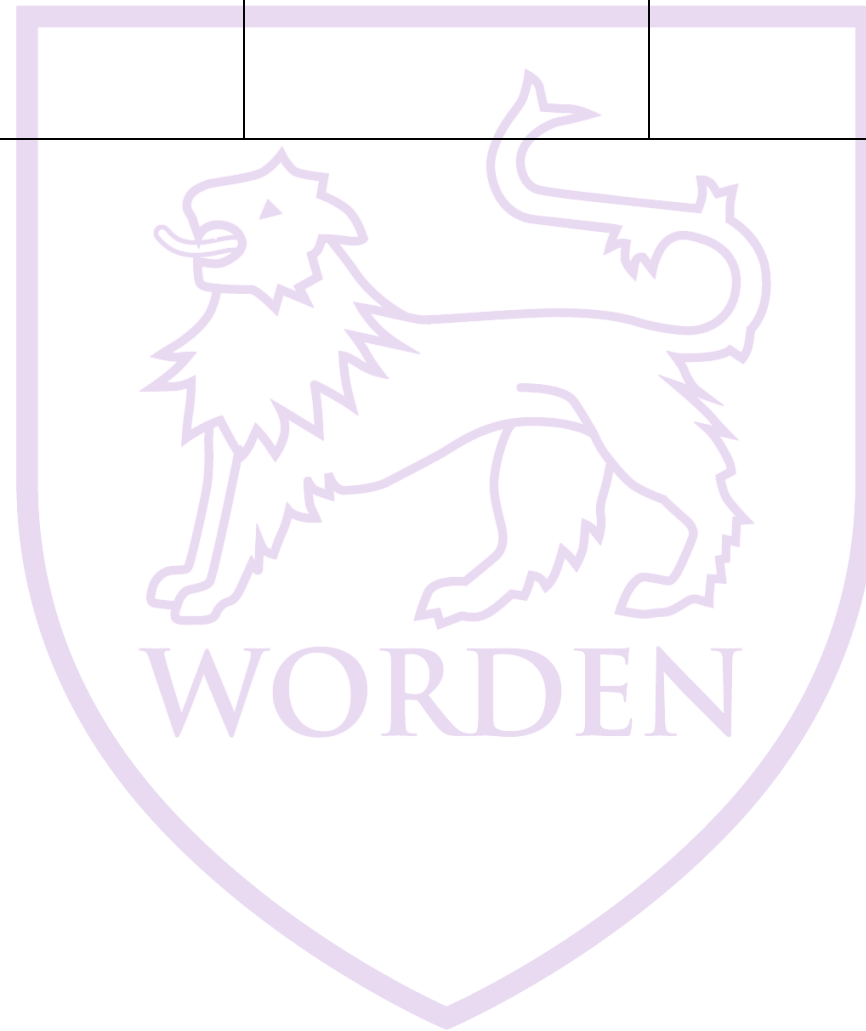


**Subject: GCSE Chemistry Trilogy****Year: 11**

<b><u>Autumn HT1 (approx. 14 lessons)</u></b>	<b><u>Autumn HT2 (approx. 10 lessons)</u></b>	<b><u>Spring HT1 (approx. 10 lessons)</u></b>	<b><u>Spring HT2</u></b>	<b><u>Summer HT1</u></b>
<ol style="list-style-type: none"><li>1. Crude oil, hydrocarbons and alkanes</li><li>2. Fractional distillation and petrochemicals</li><li>3. Properties of hydrocarbons</li><li>4. Combustion</li><li>5. Cracking and alkenes</li><li>6. Pure substances</li><li>7. Formulations</li><li>8. Chromatography</li><li>9. Chromatography required practical</li><li>10. Tests for gases</li><li>11. Gases in the atmosphere and early atmosphere</li><li>12. How oxygen increased and carbon dioxide decreased</li></ol>	<ol style="list-style-type: none"><li>1. Carbon footprint reduction and limitations</li><li>2. Atmospheric pollutants from fuel</li><li>3. Properties and effects of atmospheric pollutants</li><li>4. Resources and sustainable development</li><li>5. Potable water</li><li>6. RP potable water</li><li>7. Waste water treatment</li><li>8. Metal extraction</li><li>9. Life cycle assessment</li><li>10. Reducing the use of resources</li></ol>			

*Ludus Admirandus*

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| 13. Greenhouse gases                    |  |  |  |  |
| 14. Human activities and climate change |  |  |  |  |



*Ludus Admirandus*