

Year 13 Chemistry Teacher 1

Learning Programme 4

<p>The LORIC skill focus for this LP is: INITIATIVE.</p> <p>The Moral Virtues focus for this LP are: INTEGRITY and GRATITUDE.</p> <p>Integrity - Having strong moral principles.</p> <p>Gratitude - Feeling and expressing thanks.</p> <p>What will I be learning about in this Learning Programme? Reviewing my learning of modules 2,4&6 in preparation for my summer examinations</p> <p>Where have I seen this learning before? This learning programme we are recapping all taught content so we are well prepared for the summer examinations</p> <p>What could I use it for? Post graduate study in chemistry or chemistry related field, post graduate further study and careers in Chemistry, industrial synthesis and chemical engineering</p>		<p>Literacy:</p> <ul style="list-style-type: none"> • Capital letters must be used at the start of sentences and for the first letter of proper nouns • Full stops must be used at the end of a sentence • Question marks must be used at the end of a question • Apostrophes should only be used for possession or omission • Days of the week and months must be spelled correctly • Key words must be spelled correctly
<p>In LP4.1, I will know: 04/03/24 - (WK 1)</p> <p>my strengths and areas for development in module 2; how to analyse a sample of aspirin to determine purity using melting point apparatus; how to analyse a sample of aspirin using chromatography.</p>	<p>Key Vocabulary</p> <p>Purity</p>	<p>Homework</p> <p>Aspirin PAG write up</p>
<p>In LP4.2, I will know: 11/03/24 - (WK 2)</p> <p>my strengths and areas for development in module 2.</p>	<p>Key Vocabulary</p> <p>Molar gas volume</p>	<p>Homework</p> <p>Amounts of substances practice questions</p>
<p>In LP4.3, I will know: 18/03/24 - (WK 1)</p> <p>my strengths and areas for development from module 4.</p> <p>Extended Task.</p>	<p>Key Vocabulary</p> <p>Moles</p>	<p>Homework</p> <p>Core organic practice questions</p>
<p>In LP4.4, I will know: 25/03/24 - (WK 2)</p> <p>my strengths and areas for development from module 4.</p>	<p>Key Vocabulary</p> <p>Functional group</p>	<p>Homework</p> <p>Alkanes and Alkenes practice questions</p>
<p>In LP4.5, I will know: 15/04/24 - (WK 1)</p> <p>my strengths and areas for development from module 6.</p>	<p>Key Vocabulary</p> <p>Aromatic hydrocarbon</p>	<p>Homework</p> <p>Benzene Practice questions</p>
<p>In LP4.6, I will know: 22/04/24 - (WK 2)</p> <p>my strengths and areas for development from module 6.</p> <p>Extended Task.</p>	<p>Key Vocabulary</p> <p>Carbonyl compounds</p>	<p>Homework</p> <p>Carbonyl's practice questions</p>
<p>In LP4.7, I will know: 29/04/24 - (WK 1)</p> <p>my strengths and areas for development in module 2.</p>	<p>Key Vocabulary</p> <p>Redox</p>	<p>Homework</p> <p>Redox practice questions</p>
<p>In LP4.8, I will know: 06/05/24 - (WK 2)</p> <p>my strengths and areas for development from module 4.</p>	<p>Key Vocabulary</p> <p>Structural formula</p>	<p>Homework</p> <p>Halogenoalkanes and alcohols practice questions</p>
<p>Resources to support learning: Text book, Microsoft TEAMS, Physics and Maths tutor.com, Machemguy- Youtube</p>		
<p>FFET Award Challenge for this Learning Programme: LP4 Year 13 Chemistry: Complete a practice paper independently as part of your revision</p>		

PRT Task 1

PRT Task 2