

Year 7 Overview 2023-24 – Chemistry

Units Studied & Learning Outcomes	Key Concepts & Assessment						
<p>Overview of Unit/No. lessons Acids & Alkalis: 10 lessons C2</p> <p>Lesson Sequence of Content: Lesson1- Identify characteristics of acids & alkalis Lesson 2- Red cabbage indicator Lesson 3- Litmus indicator Lesson 4- Universal indicator Lesson 5-pH of soil Lesson 6- Neutralisation Theory Lesson 7- Neutralisation Practical Lesson 8- Neutralisation Method and Analysis Lesson 9- Quick quiz assessment Lesson 10- Long answer question</p> <p>Unit Learning Outcomes: GW: Recall properties of acids & alkalis BI: Understand how indicators allow us to identify acids & alkalis EW: Understand what neutralisation is and recall some uses</p> <table><tr><th>Prior (Y6)</th><th>Current (Y7)</th><th>Next</th></tr><tr><td>N/A</td><td>Understand properties of acids & alkalis</td><td>Year 8 – Metals & acids Year 11 – Reactions of metals</td></tr></table> <p>○</p>	Prior (Y6)	Current (Y7)	Next	N/A	Understand properties of acids & alkalis	Year 8 – Metals & acids Year 11 – Reactions of metals	
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<p>Overview of Unit/No. lessons Separating Mixtures: 9 lessons C1</p> <p>Lesson Sequence of Content: Lesson 1- Recognising substances Lesson 2-Purity Lesson 3-Dissolving HSW Lesson 4-Filtration Lesson 5-Distillation Lesson 6-Chromatography Theory Lesson 7-Chromatography Practical and Analysis Lesson 8-Quick quiz assessment Lesson 9-Long answer question</p> <p>Unit Learning Outcomes: GW: Identify different substances and be able to describe whether they are pure or not BI: Describe the different methods of separating mixtures EW: Explain how to analyse Chromatograms</p>							

<table><tr><th>Prior (Y6)</th><th>Current (Y7)</th><th>Next</th></tr><tr><td>Year 6-Solids, liquids and gases. Properties of materials. Separating mixtures and dissolving</td><td>Understand how to separate mixtures.</td><td>Year 8 – Compounds and mixtures Year 9 – Evaluate separation techniques. Chromatography required practical. Rf Values.</td></tr></table> <p>○</p>	Prior (Y6)	Current (Y7)	Next	Year 6-Solids, liquids and gases. Properties of materials. Separating mixtures and dissolving	Understand how to separate mixtures.	Year 8 – Compounds and mixtures Year 9 – Evaluate separation techniques. Chromatography required practical. Rf Values.		
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<p>Overview of Unit/No. lessons Structure of the Earth: 11 lessons</p> <p><u>Lesson Sequence of Content:</u> Lesson 1-The Earth’s Structure Lesson 2-Structure of Rocks Lesson 3-Porosity Lesson 4-Weathering Lesson 5-Sedimentation Lesson 6-Sedimentary Rocks Lesson 7-Metamorphic Rocks Lesson 8-Igneous Rocks Lesson 9-Rock Cycle Lesson 10-Quick quiz assessment Lesson 11-Long answer question</p> <p><u>Unit Learning Outcomes:</u> GW: Recall the Earth’s structure and different types of rocks BI: Describe how the types of rocks form and the effects of chemical and physical weathering EW: Explain what happens during the rock cycle</p> <table><tr><th>Prior (Y6)</th><th>Current (Y7)</th><th>Next</th></tr><tr><td>Year 6- Compare different rocks</td><td>Describe the structure of the Earth and the rock cycle</td><td>Year 9- Earth’s atmosphere and resources</td></tr></table> <p>○</p>		Prior (Y6)	Current (Y7)	Next	Year 6- Compare different rocks	Describe the structure of the Earth and the rock cycle	Year 9- Earth’s atmosphere and resources	
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