

Subject	<b>Science</b>	<b>Mode of teaching</b>
Class/ Division	<b>Year 7 A-F</b>	
Week	<b>25</b> (14 <sup>th</sup> Feb to 18 <sup>th</sup> Feb)	
No. of lessons	4	
Unit	<b>Unit 7F Acids and Alkalis</b>	
<b>Lesson 1</b>	<p><b>Chapter 7Fb Indicators</b>  <b>Learning Objectives:</b>  Classification of solutions using indicators.  <b>Learning outcome:</b></p> <ul style="list-style-type: none"> <li>• Name examples of indicators made from plants.</li> <li>• Describe how indicators can be used to test for acidic, alkaline and neutral solutions.</li> </ul> <p><b>Task</b>  1. Investigation- Test of acidity and alkalinity of common solutions using red cabbage as indicator.  2. Answer the Questions- pages 90-91</p> <p><b>Resources</b>  Active learn Text Book Exploring Science 7  Active learn presentation, Work book pages- 67, 68.</p>	<b>Zoom Session</b>
<b>Lesson 2</b>	<p><b>Chapter 7Fc Acidity and alkalinity</b>  <b>Learning objectives:</b>  Measuring acidity and alkalinity of a solution.  <b>Learning out come-</b></p> <ul style="list-style-type: none"> <li>• Name some common examples of acids and alkalis.</li> <li>• Describe the pH scale and how it is useful.</li> <li>• Describe how pH can be measured.</li> </ul> <p><b>Task</b>  1. Make a list of common solutions we use every day. Find pH of each solution using pH scale.  2. Answer the Question- pages 92-93 Work sheets pages 36, 37</p> <p><b>Resources</b>  Active learn Text Book Exploring Science 7 , Active Teach Presentations, Work Book pages- 69, 70</p>	<b>Zoom Session</b>
<b>Lesson 3</b>	<p><b>Chapter 7Fd Neutralisation</b>  <b>Learning Objectives:</b> Action of acid to an alkali.  <b>Learning outcome:</b></p> <ul style="list-style-type: none"> <li>• Describe what happens during neutralization.</li> <li>• Write word equation for neutralisation reactions.</li> <li>• Explain the pH changes taking place during neutralisation.</li> </ul> <p><b>Task</b>  1. List few neutralization reactions,  Write the general word equation for the reaction of acids and alkalis  2. Question and answers Pages 94-95</p> <p><b>Resource</b>  Active learn Text Book Exploring Science 7  Active learn presentation, Work sheets,</p>	<b>Zoom session</b>
<b>Lesson 4</b>	Work sheets of 7Fb, 7Fc and 7Fd, discussed and answers shared in GC. Answers posted for difficult questions.	<b>Google classroom</b>

**Note:** Students to answer all the text book questions in the note book.