

Subject	Science	Mode of teaching
Class/ Division	Year 8 A-F	
Week	12 (15 <sup>th</sup> Nov to 19 <sup>th</sup> Nov)	
No of lessons	4	
Unit	<b>8J Light and 8F Periodic Table</b>	
Lesson 1	<p>Chapter - <b>8Jd Reinforcement Looking after our eyes</b>  <b>LO:</b> How do ophthalmologists work?</p> <p><b>Learning Outcomes:</b></p> <ul style="list-style-type: none"> <li>Recall some eye disorders and diseases.</li> <li>Describe the causes of short sightedness, long sightedness and cataracts</li> <li>Explain how the eye disorders can be treated.</li> </ul> <p><b>Task</b></p> <p><b>Resources</b></p> <p>Complete the text book questions.</p> <p>Text book Exploring Science (Active Learn) Pages 160 and 161  Active learn slides and PowerPoint.  Text book Exploring Science (Active Learn)</p>	<b>Zoom lesson</b>
Lesson 2	<p>Chapter – <b>8Je Colour</b>  <b>LO:</b> To know how we get coloured light</p> <p><b>Learning Outcomes:</b></p> <ul style="list-style-type: none"> <li>Define dispersion and spectrum.</li> <li>Describe how to make a spectrum</li> <li>Explain how a rainbow is formed.</li> <li>Explain why coloured objects appear coloured.</li> </ul> <p><b>Task</b></p> <p>Answer the textbook questions 8Je pages 162-163</p> <p><b>Resources</b></p> <p>Text book Exploring Science (Active Learn) pages 162-163  Active learn slides and PowerPoint.</p>	<b>Zoom</b>
Lesson 3	<p>Chapter <b>8Fa Dalton's Atomic Model</b>  <b>LO:</b> To know what are atoms like</p> <p><b>Learning Outcomes:</b></p> <ul style="list-style-type: none"> <li>Describe Dalton's atomic theory.</li> <li>Define and identify physical properties.</li> <li>Describe elements using physical properties</li> <li>Write and identify chemical symbols for elements</li> </ul> <p><b>Task</b></p> <p>Complete the textbook Questions on pages 86-87</p>	<b>Zoom</b>

<b>Resources</b>	Exploring Science 8 International textbook	
<b>Lesson 4</b>	Continuation Chapter <b>8Fa Dalton's Atomic Model</b> <b>LO:</b> Reinforcement of what are atoms like?  <b>Learning Outcomes:</b> <ul style="list-style-type: none"> <li>• Identify the chemical symbols for some common elements and vice versa, and record two-letter symbols correctly</li> <li>• Use a simple (Dalton's) atomic model to describe elements and compounds.</li> <li>• Use the idea of atoms to explain why different elements have different physical properties.</li> </ul>	<b>GC</b>
<b>Task</b>	Workbook Exploring Science 8 International page 63-64	
<b>Resources</b>	Workbook Exploring Science 8 International	

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