

Subject	Science	Mode of teaching
Class/ Division	Year 8 A-F	
Week	10 (1 st November to 5 th November)	
Total number of lessons per week	4	
Unit	8 J Light	
Lesson 1	<p>Chapter 8Jb Drawing and conventions LO: How do we use ray diagram to investigate light? Learning Outcomes:</p> <ul style="list-style-type: none"> • Explain why agreed conventions are used in a ray diagrams. • Use the correct names for rays reaching and leaving a mirror and the angles between them and the normal. • Use ray tracing to investigate mirrors. 	Zoom lesson
Task	Scientific investigation: Science workbook pages 114-115	
Resources	Active learn slides and PowerPoint. Text book Exploring Science (Active Learn) pages 152-153 Science worksheets	
Lesson 2	<p>Chapter 8Jb Reflection LO: What happens to light when it hits a reflective surface? Learning Outcomes:</p> <ul style="list-style-type: none"> • Describe how mirrors and rough surfaces reflect light. • Describe how an image formed in a mirror using a ray diagram. 	Zoom lesson
Task	Complete the text book questions.	
Resources	1. Text book Exploring Science (Active Learn) Pages 154 and 155 Active learn slides and PowerPoint. Text book Exploring Science (Active Learn)	

<p>Lesson 3</p> <p>Task</p> <p>Resource</p>	<p>Chapter 8Jc Refraction LO: Draw ray diagrams to describe the refraction of light as it passes into and out of different media.</p> <p>Learning Outcomes:</p> <ul style="list-style-type: none"> • Define refraction. • Describe how light changes direction at the interface of two different substances. • Explain why refraction occurs <p>Complete the text book questions.</p> <p>1. Text book Exploring Science (Active Learn) Pages 156 and 157 Q (2-5)</p> <p>Active learn slides and PowerPoint. Text book Exploring Science (Active Learn)</p> <p>Homework : Science workbook page : 118 Q(1-4)</p>	<p>Zoom lesson</p>
<p>Lesson 4</p> <p>Task</p> <p>Resources</p>	<p>Chapter 8Jb Reflection and 8Jc Refraction</p> <p>Science workbook pages : 116 &117</p> <p>Science workbook</p>	<p>Google classroom</p>

Note: Students to answer all the text book questions in the note book and complete the workbook pages.