

Year 8 – SCIENCE -DL

Subject	Science	Mode of teaching
Class/ Division	Year 8 A-F	
Week	6 (26th April to 30th April)	
Number of lessons	4	
Unit	Unit 8L	
Lesson 1	Chapter 8Lc Magnetic Earth	Zoom session
Task	Learning Objective – Describe properties of a magnet. Describe the Earth’s Magnetic Field and how it affects compasses. Describe how to find out the shape of a magnetic field using a bar magnet and compass/iron filings.	
Resources	1 – Power point presentation and active learn videos 2 – Text book Exploring Science (Active Learn) Pages 188-189	
Lesson 2	Chapter 8Lc Magnetic Earth	Google Classroom
Task	Complete the worksheet and answer the text book questions	
Resource	1 – Worksheet file 8Lc4 (in the worksheet file) 2– Text book Exploring Science (Active Learn) Pages 188 – 189	
Lesson 3	Chapter 8 Ld Gravity in Space	Zoom session
Task	Learning Objective –How does gravity affect the solar system. Identify the direction in which gravity acts and describe the factors that affect the strength of gravity. State the meaning of gravitational field strength and use gravitational field strength to calculate weights. Explain why the weight of an object changes if taken to the Moon but not its mass. Learn that planets and natural satellites are kept in orbit by gravity. Understand what is a Light Year.	
Resource	Learn the chapter 1 – Power point presentation and active learn videos 2. Text book Exploring Science (Active Learn) Pages 190 - 191	
Lesson 4	Chapter 8 Le Beyond Solar System	Asynchronous Session
Task	Explore and state the meaning of: Sun, star, galaxy, Universe, constellation and the Milky Way. (illustrate your work with diagrams wherever possible) Present your work in Google classroom	
Resource	Text book Exploring Science (Active Learn) Pages 194 – 195	
Home Work	Complete the worksheets 8Ld-5 and 8Le-5	

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