Year 7 -SCIENCE   <u>**DISTANCE LEARNING**</u>

Subject	**Science**	
Class/ Division	**Year 7 A-F**	**Mode of teaching**
Week	**7** (11th Oct to 15th Oct)	
No. Of lessons	4	
Unit	Unit 7G The Particle model	
Lesson 1	**Chapter 7G c Brownian Motion** **Learning objectives** Explain how evidence from Brownian motion is used to support the particle theory**.** **Learning Outcome-** • Explain how Brownian motion supports Particle model • Explain how theories evolve • Convert between nano meters and meters.	**Zoom Session**
Task	Answer the textbook questions	
Resources	Active learn Text Book Exploring Science 7 Active learn Presentation	
Lesson 2	Quick recap and completion of Question Answers in 7Gc Brownian Motion. **Chapter 7G d Diffusion** **Learning objectives** Explain how diffusion occurs in terms of movement of particles, and their movement from higher concentration to lower concentration **Learning outcome** – • State what is meant by diffusion and recall some of its effects. • Use particle model to explain diffusion in liquids and gases. • Use particle model to explain why diffusion is faster in some materials than in others.	**Zoom session**
Task	Watch the video and answer the text book questions	
Resources	Active learn Text Book Exploring Science 7 Active learn presentation https://www.youtube.com/watch?v=T7rbEJrlyvk	
Lesson 3	lesson 7Gd Diffusion continued---- Question & Answers , application in daily life discussed,	**Zoom session**

Task	Doubts cleared Worksheet file Question and Answers worked out. Assessment criteria and marking system to be briefed. Research work- Acid Rain	
Resource	Active learn Text Book Exploring Science 7 Active Teach Work sheets, Presentations.	
Lesson 4	Turn in work sheets to be posted. Difficult Questions to be guided with clues. Enough instructions given in the GC.	**GC**

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