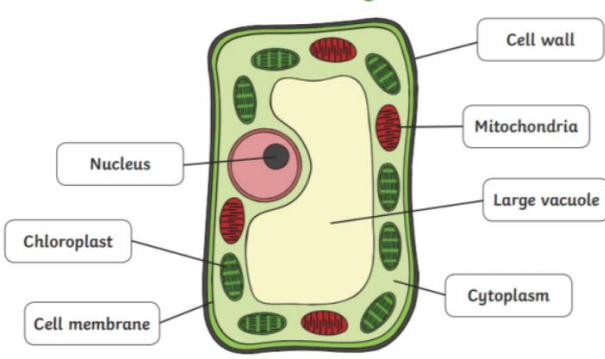


WEEK 4

Date: 11 th FEB, 2022	Period:	Subject: Science
Duration:		Strand: Diversity Of Matter
Class: B7	Class Size:	Sub Strand: Living Cells
Content Standard: B7.1.2.1 Demonstrate understanding of the structure of organisms and functions of cells in living systems		Indicator: B7.1.2.1.2 State the functions of each organelle in a plant cell
Performance Indicator: Learners can talk about the functions of organelle in plant cells		Lesson: 3 of 4
Reference: Science Curriculum Pg. 6		Core Competencies: DL 5.5, CC 8.2, CP 5.7, DL 6.6, CI 6.5, CI 5.3
Keywords: Nucleus, Membrane, vacuole, mitochondrion		
Phase/Duration	Learners Activities	Resources
PHASE 1: STARTER	<p>Revise with learners through questions and answers to review learners understanding in the previous lesson.</p> <p>Share performance indicators and introduce the lesson.</p>	
PHASE 2: NEW LEARNING	<p>Revise with learners the meaning of living cell. A living cell is the smallest unit of a living organism.</p> <p>Let learners identify and describe the structure of a plant cell as seen in a video, a chart, pictures and magnifiers.</p> <p style="text-align: center;">Plant Cell Diagram</p>  <p>Guide learners to state the function of each organelle in the plant cell. Example: Cell wall encloses the cell membrane in plants cells. Chloroplast contains the green pigment called chlorophyll.</p> <p>Let learners look at a sample of a plant cell from different parts of a plant with a microscope, magnifier or, watch a video or pictures and confirm that plants are made up of cells.</p>	Picture chart of plant and animal cell

	<p>Guide learners to draw and label a plant cell.</p> <p><u>Assessment</u> Draw a well labelled diagram of a plant cell</p> <p>State the function of the nucleus, cell membrane and cytoplasm</p>	
<p>PHASE 3: REFLECTION</p>	<p>Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.</p> <p>Take feedback from learners and summarize the lesson.</p>	