

Date: 18 th FEB, 2022		Period:	Subject: Science
Duration:		Strand: Cycles	
Class: B7	Class Size:	Sub Strand: Earth Science	
Content Standard: B7.2.1.1 Recognize that the water cycle is an example of repeated patterns of change in nature and understand how it occurs		Indicator: B7.2.1.1.1 Explain how the water cycle occurs as a repeated pattern in nature	Lesson:
Performance Indicator: Learners can demonstrate evaporation and condensation as important processes of the water cycle		Core Competencies: DL5 .1: CI 5.2: CI 6.3: CP 5.1: DL 5.1:	
Reference: Science Curriculum Pg. 7			
Keywords: evaporation ,condensation,			
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 water cycle. <i>The water (hydrological) cycle is a biological cycle that describes the continuous movement of water on, above and below the surface of the earth.</i></p> <p>Paste the water cycle chart on the board for learners to observe and talk about it.</p> <p>In groups, learners demonstrate evaporation and condensation, e.g. learners observe water drying off their wet hands (evaporation), covering water with a lid and observing water droplets on the lid after some time (evaporation & condensation).</p> <p>Guide learners to demonstrate evaporation by heating water until it boils (to be done by the teacher), then covering the boiling water with a sheet of transparent glass. Water vapor condenses on transparent glass (condensation).</p> <p>Learners are assisted to understand how evaporation and condensation lead to the formation of rain.</p> <p>Display pictures or simple diagrams of the water cycle showing evaporation and condensation.</p>	Pictures, charts, videos, etc.	

	<u>Assessment</u> <ul style="list-style-type: none">• What is a water cycle?• What process occurs when water changes from a gas to liquid?• What is transpiration?	
PHASE 3: REFLECTION	Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson. Take feedback from learners and summarize the lesson.	