

WEEKLY LESSON PLAN – B7

WEEK 3

Date: 27 th MAY, 2022	DAY :	Subject: Science
Duration:		Strand: Systems
Class: B7	Class Size:	Sub Strand: The Solar System
Content Standard: B7.3.2.1 Demonstrate knowledge of the inner planets of the solar system and understand their movement in the system.	Indicator: B7.3.2.1.1 Identify the inner planets of the solar system and describe their properties	Lesson: 1 of 4
Performance Indicator: Learners can describe the components of the solar system		Core Competencies: DL 5.1: CC 8.1: CC 8.2: DL 5.3: CP 5.8: CI 5.1: CI 5.3: CI 6.6:
References: Science Curriculum Pg. 19 - 20		
Phase/Duration	Learners Activities	Resources
PHASE 1: STARTER	<p>Revise with learners to find out what they already know about the solar system.</p> <p>Share performance indicators and introduce the lesson.</p>	
PHASE 2: NEW LEARNING	<p>Brainstorm learners for meaning of solar system. The solar systems made up of the sun, eight planets and other heavenly bodies.</p> <p>Guide learners to describe the components of the solar system. Sun – the sun is the center of the solar system</p> <p>Planets – it includes Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, and Neptune.</p> <p>Heavenly bodies – Asteroids, Meteors, Meteorites and Comet.</p> <p>Identify and describe what constitutes the inner planets of the solar system using pictures, videos, etc. The four inner planets are Mercury, Venus, Earth and Mars. They are made of rocks.</p> <p>Guide learners to describe each of the planet in the solar system.</p>	<p>Pictures of the moon, sun, stars and the planets.</p>



Assessment


1. What is the solar system?
2. List the members of the solar system in order of their distances from the sun.
3. What is a planet?

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.

Date: 27 th MAY, 2022	DAY :	Subject: Science
Duration:		Strand: Systems
Class: B7	Class Size:	Sub Strand: The Solar System
Content Standard: B7.3.2.1 Demonstrate knowledge of the inner planets of the solar system and understand their movement in the system.	Indicator: B7.3.2.1.1 Identify the inner planets of the solar system and describe their properties	Lesson: 2 of 4
Performance Indicator: Learners can state the components of the inner planet of the solar system	Core Competencies: DL 5.1: CC 8.1: CC 8.2: DL 5.3: CP 5.8: CI 5.1: CI 5.3: CI 6.6:	
References: Science Curriculum Pg. 19 - 20		

Phase/Duration	Learners Activities	Resources
PHASE 1: STARTER	<p>Revise with learners on what was studied in the previous lesson.</p> <p>Share the performance indicators with learners and introduce the lesson.</p>	
PHASE 2: NEW LEARNING	<p>Have learners talk about the features of the inner planets Example: <u>Features of the inner planets</u></p> <ol style="list-style-type: none"> 1. All the inner planets are made of rocks. 2. The inner planets do not have rings around them. 3. They do not have moon around them. 4. The inner planets have shorter orbits around the Sun, so they spin very fast. <p>Guide learners to describe the galaxy, milky way, and elliptical shape of the paths of movement of the inner planets.</p> <p>A large group of stars in the universe is called a <u>Galaxy</u>. The sun is a star belonging to the galaxy known as the <u>Milky Way</u>.</p>  <p>Design and construct a model of the solar system.</p>	<p>Pi Pictures of the moon, sun, stars and the planets. ctures and Charts</p>

	<p>Engage learners in a discussion to talk of the differences between planets and stars.</p> <table border="1" data-bbox="477 296 1167 525"> <thead> <tr> <th data-bbox="477 296 821 331">Planet</th> <th data-bbox="821 296 1167 331">Star</th> </tr> </thead> <tbody> <tr> <td data-bbox="477 331 821 396">Does not produce light and heat</td> <td data-bbox="821 331 1167 396">Produces light and heat</td> </tr> <tr> <td data-bbox="477 396 821 428">Does not twinkle</td> <td data-bbox="821 396 1167 428">Usually twinkle</td> </tr> <tr> <td data-bbox="477 428 821 459">Moves round a star</td> <td data-bbox="821 428 1167 459">Does not move</td> </tr> <tr> <td data-bbox="477 459 821 525">It is solid in nature</td> <td data-bbox="821 459 1167 525">It is made up of burning gases</td> </tr> </tbody> </table> <p><u>Assessment</u></p> <ol style="list-style-type: none"> 1. Name three other heavenly bodies that can be found in the solar system. 2. Identify the components of the inner planets of the solar system. 3. State three features of the inner planets. 	Planet	Star	Does not produce light and heat	Produces light and heat	Does not twinkle	Usually twinkle	Moves round a star	Does not move	It is solid in nature	It is made up of burning gases	
Planet	Star											
Does not produce light and heat	Produces light and heat											
Does not twinkle	Usually twinkle											
Moves round a star	Does not move											
It is solid in nature	It is made up of burning gases											
<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>											