

 <b>DETAILED LESSON PLAN IN SCIENCE 5</b>	<b>School:</b>	****	<b>Grade and Section:</b>	GRADE 5 -
	<b>Name of Teacher:</b>	***** Teacher	<b>Day:</b>	***
	<b>Date:</b>	**** ***	<b>Quarter:</b>	****
	<b>Head Teacher:</b>	***** School Principal	<b>Learning Area:</b>	Science

<b>I. OBJECTIVES</b>		
<b>A.</b>	Infer the pattern in the changes in the appearance of the Moon	
<b>II. SUBJECT MATTER</b>		
<b>A. Reference</b>	K-12 Science 5 Teacher's Guide	
<b>B. Instructional Materials</b>	Laptop, Power point presentation, monitor, chalk and board, pictures, Bluetooth speaker, activity charts, activity sheets, crayons and bond papers.	
<b>III. TEACHING PROCEDURES</b>	<b>TEACHER'S ACTIVITY</b>	<b>LEARNER'S ACTIVITY</b>
<b>A. ROUTINARY ACTIVITIES</b>	<ol style="list-style-type: none"> <li>1. Daily Prayer</li> <li>2. Greeting the class</li> <li>3. Checking the attendance</li> <li>4. Passing the Assignment</li> </ol>	
<b>B. REVIEW</b>	<p>Let's have a short review regarding what we have discussed last meeting.</p> <p>I will flash some statements. Tell whether it happens "before", "during" or "after" typhoon.</p> <ol style="list-style-type: none"> <li>1. Some areas may be flooded.</li> <li>2. There is a heavy rain accompanied by strong wind.</li> <li>3. Sun becomes visible and the sky becomes clearer.</li> <li>4. The sky is dark and cloudy.</li> <li>5. Flash floods may occur due to heavy rainfall.</li> </ol>	<p>During typhoon</p> <p>During typhoon</p> <p>After typhoon</p> <p>Before typhoon</p> <p>During typhoon</p> <p>None, Ma'am.</p>

	<p>Very good! Any questions regarding our previous lesson?</p> <p>It seems that we are ready for a new topic today.</p>	
<p><b>C. LESSON PROPER</b></p>	<p>We will now enter a spectacular road of adventure about outer space.</p> <p>What are the things that comes to your mind when you hear the word outer space?</p> <p>All your answers are correct! The outer space or what we called the universe consists of galaxies, planets, stars, meteorites, satellites and many other things. Our earth is a part of solar system, which is a part of the Milky way galaxy.</p> <p>But on our lesson, we will just focus on one of the amazing thing that gives us light at night, the moon.</p> <p>Have you ever wondered why moon is not always round in shape? It is because moon has different phases.</p> <p>Today, you are going to learn a song about "The Phases of the Moon". Are you ready?</p> <p>(The teacher will play a video.)</p> <p>Have you enjoyed watching the video?</p> <p>Now, it's your turn to sing along with it!</p> <p>(The teacher will play a video.)</p> <p>You did a great job!</p> <p>Every time you look up in the sky at night, you will see how beautiful the moon is. We all know that it gives us light in darkness and has the ability of changing its shape!</p> <p>But dear pupils, it is all just an illusion. The moon doesn't emit light to itself. The moon we see is actually the sun's light reflected off the lunar surface.</p> <p>The sun is also responsible for the moon's transformation from the new</p>	<p>(Students answer varies)</p> <p>Yes, Ma'am.</p> <p>Yes, Ma'am.</p>

moon to full moon, and back again under the process we called "Lunar Cycle" or "Phases of the Moon".

Can you follow?

Based from the song that you have learned, will you please enumerate all those phases?

Very good! You have enumerated all the phases of the moon correctly!

Now, we will proceed with an activity. On a sheet of paper, copy this table.

(the teacher will show a table on the power point presentation)

On the left column, you will see the different phases of the moon and on the right column, you will write the description of each phase.

You can base your answer from this photo.

(The teacher will show a photo of "Phases of the Moon")

You can have this photo or the song we have learned a while ago as your references to help you do the activity.

Do you have any questions?

You may start doing the activity.

Okay class, it's time to check your work! As I discuss the phases of the moon, check your work if you've written the description correctly.

Can you please read your description about the new moon?

These are the 8 phases of the moon.

Yes, Ma'am.

The 8 phases of the moon are

1. New moon
2. Waxing crescent
3. First quarter
4. Waxing gibbous
5. Full moon
6. Waning gibbous
7. Third quarter
8. Waning crescent

None, Ma'am.

(The students will do the activity)



	Do you have any questions regarding the "Phases of the Moon"?	None, Ma'am.
<b>IV. GENERALIZATION</b>	<p>The different phases of the moon is very important indicator of some things on Earth like tides.</p> <p>On a sheet of paper, draw the eight phases of the moon.</p>	(The students will do the activity)
<b>V. APPLICATION</b>	<p>The Moon is the only object in the night sky that seems like we can reach out and touch it. It looms large over us, reliably cycling through its phases.</p> <p>Moon fact: Tides are caused by the gravitational tug from the Moon and Sun. The biggest tide in the world is in the Bay of Fundy in Canada. The difference between low and high tide there can be as much as 16.3 meters.</p> <p>Do you have any questions regarding our lesson about the "Phases of the Moon?"</p>	

Prepared by:

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Teacher II

Observed by:

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School Principal