

 <p>GRADE 1 to 12 DAILY LESSON LOG</p> <p>(Pang-araw-araw na Tala ng Pagtuturo)</p>	School		Grade	FOUR
	Teacher		Learning Area:	SCIENCE
	Week/Teaching Date	WEEK 5	Quarter:	THIRD
	Time		Checked by:	

I. OBJECTIVES	<i>Monday December 5, 2016</i>	<i>Tuesday December 6, 2016</i>	<i>Wednesday December 7, 2016</i>	<i>Thursday December 8, 2016</i>	<i>Friday December 9, 2016</i>
A. Content Standards	Demonstrate understanding of how heat and sound travel using various objects.				
B. Performance Standards	Demonstrate conceptual understanding of properties/characteristics of light, heat and sound.				
C. Learning Competencies/ Objectives (Write the LCcode for each)	1. Investigate properties and characteristics of light. S4FE-IIIh-5 2. Describe how light is reflected. 3. Appreciate the importance of light in daily activities.	1. Investigate properties and characteristics of light. S4FE-IIIh-5 2. Describe how light is refracted. 3. Infer the importance of light in our daily activities.	1. Investigate properties and characteristics of light. S4FE-IIIh-5 2. Infer that white light has different colors. 3. Appreciate the wonders of nature through drawing.	1. Investigate properties and characteristics of light. S4FE-IIIh-5 2. Perform various activities to show that light is reflected or refracted. 3. Realize that light plays a vital role in our daily lives.	1. Investigate properties of sound. S4FE-IIIh-5 2. Infer that sound could be loud and soft. 3. Realize the importance of sound in our daily activities.
II. CONTENT (Subject Matter)	Investigating the Properties of Light	Investigating the Properties of Light	Investigating the Properties of Light	Investigating the Properties of Light	Investigating the Properties of Sound

III. LEARNING RESOURCES					
A. References					
1. Teacher's Guide pages	pp. 253-261	pp. 253-261	pp. 253-261	pp. 253-261	pp.262-269
2. Learner's Material pages	pp. 207-215	pp. 207-215	pp. 207-215	pp. 207-215	pp.216-225
3. Textbook pages					
4. Additional Materials from Learning Resource LR portal	Multimedia presentation, a ball, transparent plastic ruler, table, a basin filled with water, Activity sheet	Multimedia presentation, flashcards, jumping rope, cd copy of a lively music, Activity sheet	Multimedia presentation, flashcards, jumping rope, cd copy of a lively music, Activity sheet	Multimedia presentation, flashcards, Activity sheet	Multimedia presentation, flashcards, Activity sheet
B. Other Learning Resources	LED tv, ppt, speakers,	LED tv, ppt, speakers,	LED tv, ppt, speakers,	LED tv, ppt, speakers,	LED tv, ppt, speakers,
IV. PROCEDURE					
A. Reviewing previous Lesson or presenting new lesson	<p>Energizer Game: "Mirror Game" See instruction-TG pp. 254-255</p> <p>Show the picture to the learners. (Reproduce the pictures to have a larger copy)</p> <p>Ask: What do you see in the picture? Can you read it?</p> <p>What does it say? What is being produced below the word "Teach"?</p>	<p>Energizer Checking of assignment</p> <p>Game: "Fact or Bluff"</p> <p>Show a piece of paper with identical drawing in it. You can use the example below. See pp.256-257.</p> <p>Let the pupils observe.</p> <p>Ask: What do you observe with the drawing when we put it at the back of a glass of water?</p>	<p>Energizer Checking of assignment</p> <p>Recall of important concepts learned during the previous meeting.</p> <p>Show to the class a picture of a rainbow.</p> <p>Ask: When do you usually see a rainbow? Do you know how it is formed?</p> <p>Reading of the story "The Story of the Rainbow"</p>	<p>Energizer: (Poem recitation "light")</p> <p>Show a picture of ambulance.</p> <p>Ask: Have you seen an ambulance? What is the use of this vehicle?</p> <p>What do you notice about the word AMBULANCE that is printed at the front of the vehicle?</p>	<p>Energizer Checking of assignment</p> <p>Game: "Reflected or Refracted"</p> <p>Play 2 types of music- one with soft tone preferably a mellow music and one with a very loud tone similar to the ones played in a concert. Maintain the volume as you play each song.</p> <p>Ask: What type of music was played first? Second?</p>

B. Establishing a purpose for the lesson	Ask: How does the word “teach” create a reflection? How is light reflected?	Ask: Why do you think it happens?	Scientifically, Do you know how rainbow formed?	Ask: Why do you think the word AMBULANCE is written backward or reversed in sequence?	Ask: Which of the music do you prefer to hear? Why? What is volume?
C. Presenting examples/ instances of the new lesson.	The following activity will answer this question	We will find out whose answers are correct in our succeeding activities.	Today’s activities will help us understand how rainbow is formed?	We will find out whose answers are correct in our succeeding activities.	The following activity will answer this question.
D. Discussing new concepts and practicing new skills.#1	1. Setting of Standards. 2. Group Activities (Differentiated Activities)	1. Setting of Standards. 2. Group Activities (Differentiated Activities)	1. Setting of Standards. 2. Group Activities (Differentiated Activities)	1. Setting of Standards. 2. Group Activities (Differentiated Activities)	1. Setting of Standards. 2. Group Activities (Song composition)
E. Discussing new concepts and practicing new skills #2.	1. Group Reporting. 2. Comparing the results of activities.	1. Group Reporting. 2. Comparing the results of activities.	1. Group Reporting. 2. Comparing the results of activities.	1. Group Reporting. 2. Comparing the results of activities.	1. Group presentation. 2. Comparing the results of activities.
F. Developing Mastery (Lead to Formative Assessment 3)	1.The teacher further explains and discuss the background information through inquiry approach 2. Have the pupils master the concepts.	1.The teacher further explains and discuss the background information through inquiry approach 2. Have the pupils master the concepts.	1.The teacher further explains and discuss the background information through inquiry approach 2. Have the pupils master the concepts.	1.The teacher further explains and discuss the background information through inquiry approach 2. Have the pupils master the concepts.	1.The teacher further explains and discuss the background information through inquiry approach 2. Have the pupils master the concepts.
G. Finding practical application of concepts and skills in daily living	Before you go to school, you face a mirror to comb your hair and find out if you are neatly dressed. You see your image. Don’t you wonder how you see	You will go swimming. Before plunging into the water, something under the water attracted your attention. You	Appreciating Nature: Draw a rainbow. Color the rainbow with different colors: red, orange, yellow, green, blue, indigo, and violet (ROYGBIV)	Game: “Read Me Clearly” One group will write a word in reversed and left-to-write manner. The other groups will try to	Group Activity: “Are Ripples Similar to the Characteristics of Sound” Ask: How do you describe the motion of the ripples formed in water? What do ripples represent?

	your image? Explain your answer.	reached for it, but to your dismay, the object was not where it appears to be. Why did it happen?		decode the words using mirrors. Each group will take turns writing words.	See TG, p264
H. Making Generalizations and Abstraction about the Lesson.	What have you learned? How light is reflected?	What have you learned? How the refraction of light occur?	What have you learned? When does white light formed?	What have you learned? What is reflection? What is refraction?	What have you learned? What is the property of sound? What is loudness or volume?
I. Evaluating Learning	A. 1-4. Write the letter of the correct answer. B. Answer the question briefly.	A. 1-4. Write the letter of the correct answer. B. Answer the question briefly.	Encircle the letter of the correct answer.	Write TRUE if the statement is correct. Write FALSE if the statement is wrong.	A. 1-4. Write the letter of the correct answer. B. Answer the question briefly.
J. Additional Activities for Application or Remediation	A. List 5 examples of materials that are good reflectors.	Answer these: Why do ponds seem to be shallow when in fact they are deep?	Memorize the poem: Light You've no need to light a night-light On a light night like tonight, For a night-lights light's a slight light, And tonight's a night that's light. When a night's light, like tonight's light, It is really not quite right, To light night-lights with their slight light, On a light night like tonight	Answer these: Why do objects seem to be larger when viewed under a magnifying glass? What is the role of light in this?	Cut-out or draw pictures of at least 5 objects each that produce: a. Soft sounds b. Loud sounds
V. REMARKS					
VI. REFLECTION					

A.No. of learners earned 80%in the evaluation.	Atis-Makopa-Chico-Mangga-Melon-	Atis-Makopa-Chico-Mangga-Melon-	Atis-Makopa-Chico-Mangga-Melon-	Atis-Makopa-Chico-Mangga-Melon-	Atis-Makopa-Chico-Mangga-Melon-
B . No. of learners who required additional activities for remediation who scored below 80%	Atis-Makopa-Chico-Mangga-Melon-	Atis-Makopa-Chico-Mangga-Melon-	Atis-Makopa-Chico-Mangga-Melon-	Atis-Makopa-Chico-Mangga-Melon-	Atis-Makopa-Chico-Mangga-Melon-
C. Did the remedial lesson work? No. of learners who have caught up with the lesson.	Yes Atis-Makopa-Chico-Mangga-Melon-	Yes Atis-Makopa-Chico-Mangga-Melon-	Yes Atis-Makopa-Chico-Mangga-Melon-	Yes Atis-Makopa- 2 Chico-Mangga-Melon-	Yes Atis-Makopa- 2 Chico-Mangga-Melon-
D. No. of learner who continue to require remediation	0	0	0	0	0
E. Which of my teaching strategies worked well? Why did these work?	Games, and differentiated activities	Games, and differentiated activities	Games, and differentiated activities	Games, and differentiated activities	Games, and differentiated activities
F. What difficulties did I encounter which my principal or supervisor can help me solve?	Answering HOTS questions specially for inattentive pupils	Answering HOTS questions specially for inattentive pupils	Answering HOTS questions specially for inattentive pupils	Answering HOTS questions specially for inattentive pupils	Answering HOTS questions specially for inattentive pupils
G. What innovation or localized materials did I used/discover which I wish to share with other teachers?	Using multimedia or audio-visual presentation.	Using multimedia or audio-visual presentation.	Using multimedia or audio-visual presentation.	Using multimedia or audio-visual presentation.	Using multimedia or audio-visual presentation.

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