



LESSON PLAN IN SCIENCE 7

9:35- 10:35 Grade 7- Rose

10:37- 11:37 Grade 7- Jasmin

12:40- 1:40 Grade 7- Daffodil

I. OBJECTIVES

At the end of the lesson the students should be able to:

- C:** Identify the Metal which are most abundant across the country;
- P:** Locate the Metallic and Non-metallic Mineral deposit of the Philippines;
- A:** Appreciate the importance of Mineral deposits.

II. SUBJECT MATTER

- a. **Topic:** Mineral Resources.
- b. **Reference:** S7ES-Ivb-3
- c. **Materials:** Science7: Learners Module, Printed Pictures, Marker, and Manila paper.
- d. **Strategy:** Guided Exploratory Approach
- e. **Values Integrated:** Awareness

III. PROCEDURE

Teacher's Activity	Student's Outcome/Responses
Preliminary Activities <ul style="list-style-type: none">• Prayer "kindly lead the prayer, Mr./Ms. _____."• Greeting	<p><i>Students will pray</i></p> <p><i>"Good morning, Ma'am"</i></p>



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<p><i>"Good morning class."</i> <i>"Please take your seat."</i></p> <ul style="list-style-type: none">• Checking of Attendance <i>"Who is/are absent?"</i>• Review<ul style="list-style-type: none">o The teacher will ask following questions about the previous topic. <i>"What is a mineral resource?"</i><p><i>"very good"</i></p>• Motivation <i>"We have a game entitled "4 pics 1 word" but first count of 1 to 5."</i><ul style="list-style-type: none">o The teacher will divide the class into 5 groups.o The students will guess the pictures to guess the word, the group who will raise their board first will be the winner. (rocks, metal, mineral, gold)• Unlocking of Difficult Terms<ul style="list-style-type: none">o Resources- a place or thing that provide something useful.o Mineral- a substance that is naturally form under the ground.o Metal- a substance that usually has a shiny appearance, is a good conductor of electricity and heat, can be melted, and is usually capable of being	<p><i>"Thank you, Ma'am"</i></p> <p><i>"None Ma'am"</i></p> <p><i>"a naturally occurring chemical substance"</i></p> <p><i>The students will participate.</i></p>
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- shaped.
- o **Non-metal-** a chemical element that lacks the characteristics of a metal.

Lesson Proper

“Based on the game what do you think is our lesson for today?”

“But before we will go further, altogether kindly read our lesson objectives for today.”

A. Activity

“Let us have a group activity with the same group a while ago. Each group will be given materials. You will be given 7 minutes to do your task and after will present your output, the teacher will rate them according to their performance.”

Criteria	Weight	Rating
Content	40%	
Creativity	30%	
Teamwork	30%	
Total	100%	

What to do:

- Familiarize yourself with the physical map of the Philippines. Identify specific places of interest to you in the different regions.
- Study the metallic deposits Map of the Philippines.
- In the map you will see symbols of

“Rock and Mineral Resources.”

The students will read the objectives.

The students will do their activity.



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metals. Fill in the information need in columns 1 and 2 of your table.

Metal, in symbol	Metal, in words	Province/region Where metals are found.
1		
2		
3		
4		
5		

- Group 1
- Group 2
- Group 3
- Group 4
- Group 5

B. Analysis

“If metallic deposits are important to economy of a country, why do you think is the Philippines not rich as a nation since we have lots of these?”

“very good, any idea?”

C. Abstraction

What are the metallic minerals found in various parts of the Philippines?

Where can we found the most productive copper and gold producers in the Philippines?

S1: because of the absence of technology in the country to recover the metals from ores.

“None ma’am”

S1: Gold, copper, iron, chromite, nickel, cobalt, and platinum.

S1: They are found in Baguio, the province of Benguet, and in Surigao-Davao areas. Major producers of nickel are in Palawan and Surigao.

S1: metals are important. The



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<p>D. Application</p> <p>1. How useful metals are?</p> <p>"Very good"</p>	<p><i>properties of metals make them useful for specific purpose. Iron is the main material for steel bars used in building and road construction. Copper is used in making electrical wires.</i></p>
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IV. EVALUATION

- I. Direction: Identify five metals which are most abundant across the country.

Copper	Cobalt
Platinum	Nickel
Iron	Chromite
Tin	
Gold	

V. ASSIGNMENT

Identify the Nonmetallic deposits and their location in a ½ cw.

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