

 GRADES 1 to 12 DAILY LESSON LOG	School:		Grade Level:	
	Teacher:	DepedTrends.com	Learning Area:	
	Teaching Dates and Time:		Quarter:	

I. OBJECTIVES	
A. Content Standards	The learners demonstrate understanding of volcanoes found in the Philippines.
B. Performance Standards	
C. Learning Competencies Write the LC code for each	The learner should be able to describe the different types of volcanoes. S9ES-IIIa-25
D. Learning Objectives	Classify volcano as active or inactive.
II. CONTENT	
III. LEARNING RESOURCES	
A. References	
1. Teacher's Guide pages	136-137
2. Learner's Materials pages	166-167
3. Textbook pages	
4. Additional Materials from Learning Resource (LR) portal	
B. Other Learning Resources	
IV. PROCEDURES	
A. Reviewing previous lesson or presenting the new lesson (2 mins.) Elicit	Let the learners define volcano based on the discussion last meeting. <i>Say: The Philippines is surrounded by active and inactive volcanoes. How does the classification of volcanoes affect ecosystem?</i> <i>Introduce the new lesson (Let the learners read the objective of the new lesson).</i>
B. Establishing a purpose for the lesson (1 min.) Engage	-Show to the learners a map of active and inactive volcanoes in the Philippines. 1. What can you say about the location of the active and inactive volcanoes? 2. What is your impression when active volcano erupts? 3. Do you have any idea of our new lesson today?
C. Presenting examples/ instances of the new lesson Explore (2-5 mins.)	-Group the learners into 5. -Each group will perform Activity 2 in Learner's Module entitled: <i>Volcanoes in the Philippines. (pages 166-167)</i> -Distribute to the learners the activity sheets. -Give time for the learners read and analyze the procedure in the activity sheets. -Ask the learners for any clarifications. -Allow one member of the group to get the materials needed for the activity. -Let the students perform the activity. (20mins) -Let the students answer the guides questions.

After the activity, let the students present their output from the class.



MAP OF THE PHILIPPINES

Let the students list of some volcanoes in the Philippines according to the latitude, longitude, number of historical eruptions, and latest eruption or activity.

- Active volcano**
- is a volcano that has had at least one eruption during the past 10,000 years.
 - might be erupting or dormant.
 - An erupting volcano is an active volcano that is having an eruption.
- A dormant volcano is an active volcano that is not erupting, but supposed to erupt again.

List of Active Volcanoes in the Philippines

Name of Volcano	Latitude (Deg-min)	Longitude (Deg-min)	Province	Elevation (Km)	No. of Historical Eruptions	Latest Eruption/Activity
Babuyan Claro	19' 31.5"	121' 57"	Cagayan	0.843	4	1917
Banahaw	14' 00"	121' 29"	Laguna, Quezon	2.169	3	1843

D. Discussing new concepts and practicing new skills #1
Explain
(15 mins.)

E. Discussing new concepts and practicing new skills #2
(10 mins.)

Biliran	11' 39"	124' 27.5"	Biliran Island	1.340	1	1939 Sept. 26
Buddajo	6' 0.8"	121' 3.4"	Sulu	0.62	2	1897
Bulusan	12' 46.2"	124' 03"	Sorsogon	1.565	15	1994 Nov.-1995 Jan.
Cagua	18' 13.3"	122' 7.4"	Cagayan	1.160	2	1907
Camiguin de Babuyanes	18' 50"	121' 51.6"	Cagayan	0.712	1	1857
Didicas	19' 04.6"	121' 12.1"	Cagayan (Babuyan Island Group)	0.843	6	1978 Jan. 6-9
Hibok-hibok	9' 12.2"	124' 40.5"	Camiguin	1.332	5	1948 Sept. 31 - 1953 July
Iraya	20' 29"	124' 01"	Batanes	1.009	1	1454
Iriga	13' 27.4"	123' 27.4"	Camarines Sur	1.143	2	1642 Jan. 4
Kanlaon(Mala spina)	10' 24.7"	123' 7.9"	Negros Oriental	2.435	21	10 August 1996
Leonard Kniasseff	7' 22.9"	126' 2.8"	Davao del Norte	0.200	No Data	No Data
Makaturing	7' 28.8"	124' 38"	Lanao del Sur	1.940	7	1882
Matumtum	6' 22"	125' 04"	Cotobato	2.286	1	1911 March 07
Mayon	13' 15.4"	123' 41.1"	Albay	2.460	48	2001 Jun. 24-Jul. 26
Musuan	7' 52"	125' 04.4"	Bukidnon	0.646	2	1867
Parker	6' 06.8"	124' 53.5"	Cotobato	1.784	1	1640 Jan. 04
Pinatubo	15' 08.4"	120' 21"	Boundaries of Pampanga, Tarlac and Zambales	1.445	3	1992 July 09 - August 16
Ragang	7' 41.5"	124' 41.1"	Cotobato	2.815	7	1916 July
Smith	19' 32.4"	121' 55"	Cagayan(Babuyan Island Group)	0.688	5	1924
Taal	14' 00.1"	120' 59.1"	Batangas	0.311	33	1977 Oct. 3

Inactive Volcano

- An inactive volcano is one that could erupt but has not erupted for more than 10,000 years. Inactive volcanoes are also called dormant or sleeping volcanoes.

List of Inactive Volcanoes

Name of Volcano	Latitude (deg-min)	Longitude (deg-min)	Province	Region	Elevation (km)
7	6°30'	121°59'	Basilan	IX	0.863
ABUNUG	11°02'	124°42'	Southern Leyte	VIII	0.6
ABUYUG	10°47.5'	124°58'	Leyte	VIII	0.197
AGUADA	10°50'	121°02'	Palawan	IV	0.186
AGUTAYA	11°09'	120°57'	Palawan	IV	0.12
AKIR-AKIR	7°25.27'	124°25.45'	Maguindanao	ARMM	0.526

Date	Time	Location	Observations

F. Developing mastery
(Leads to Formative Assessment 3)
(12 mins.)
Elaborate

- What are the possible effects may contribute to the people living near in an active volcano? How about in inactive volcano?

G. Finding practical applications of concepts and skills in daily living
(3 mins.)

Do you think discussing classifying active and inactive volcano is important? Why?

H. Making generalizations and abstractions about the lesson
(3 mins)

I. Evaluating learning

(8 mins)

A vibrant tropical beach scene. In the foreground, a grassy hillside with large dark rocks slopes down towards a pristine white sand beach. The beach is dotted with palm trees and several beach umbrellas. The water transitions from a shallow turquoise near the shore to a deep blue further out. In the background, a large, lush green island with a prominent peak rises from the sea under a bright blue sky with scattered white clouds.

Answer: active

2. Arayat



Answer:

inactive

3. Musuan



Answer:

active



4. Alto

Answer:

inactive



5. Banahaw

Answer: Active

J. Additional activities for application or remediation
(1 min)

Using the internet, let the students research for classification of other volcanoes in the Philippines. They can share their research work in the class.

V. REMARKS

VI. REFLECTION

A. No. of learners who earned 80% on the formative assessment

B. No. of learners who require additional activities for remediation.	
C. Did the remedial lessons work? No. of learners who have caught up with the lesson.	
D. No. of learners who continue to require remediation	
E. Which of my teaching strategies worked well? Why did these work?	
F. What difficulties did I encounter which my principal or supervisor can help me solve?	
G. What innovation or localized materials did I use/discover which I wish to share with other teachers?	

Prepared by:

Checked by

Teacher

School Head

Observed by:
