 <b>GRADES 1 to 12</b> <b>DAILY LESSON LOG</b>	School:		Grade Level:	
	Teacher:	<a href="http://DepEdTrends.com">DepEdTrends.com</a>	Learning Area:	
	Teaching Dates and Time:		Quarter:	

<b>I. OBJECTIVES</b>	
<b>A. Content Standards</b>	The learners demonstrate understanding of volcanoes found in the Philippines.
<b>B. Performance Standards</b>	
<b>C. Learning Competencies</b> Write the LC code for each	The learner should be able to illustrate how energy from volcanoes may be tapped for human use. <b>S9ES-IIIc-d-29</b>
<b>D. Learning Objectives</b>	Explain what happens when volcanoes erupt.
<b>II. CONTENT</b>	
<b>III. LEARNING RESOURCES</b>	
<b>A. References</b>	
1. Teacher's Guide pages	139-140
2. Learner's Materials pages	174-175
3. Textbook pages	
4. Additional Materials from Learning Resource (LR) portal	
<b>B. Other Learning Resources</b>	
<b>IV. PROCEDURES</b>	
<b>A. Reviewing previous lesson or presenting the new lesson</b> (2 mins.) elicit	Let the learners classify Philippine volcanoes cone based on the discussion last meeting. <i>Say: The Philippines is surrounded by a volcano. What are the volcanic eruptions?</i> <i>Introduce the new lesson (Let the learners read the objective of the new lesson).</i>
<b>B. Establishing a purpose for the lesson</b> (1 min.) Engage	-Show to the learners a video about volcanic eruptions. 1. What can you say about the video? 2. What is your impression about volcanic eruption? 3. Do you have any idea of our new lesson today?
<b>C. Presenting examples/ instances of the new lesson</b> Explore (2-5 mins.)	-Group the learners into 5. -Each group will be given assigned topic to discuss why volcanoes erupt in order to explain what happens when volcanoes erupt. -the teacher will provide a rubric for group discussion. -Give time for the students to be ready about the class discussion. -Give each group 3 minutes for their presentation/discussion.
<b>D. Discussing new concepts and practicing new skills #1</b> Explain (15 mins.)	For the discussion each group will explain why volcanoes erupt based on the given situation.  Group 1 – Process of Volcanic Eruption

## PROCESS OF VOLCANIC ERUPTION

Stratovolcano (Composite Volcano) Erupting

ex.

## Group 2 – Types of Volcanic Eruption

ex.

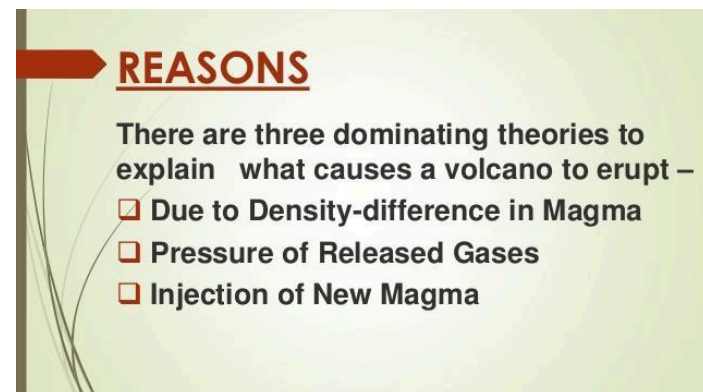


**Types Of Volcanic Eruption**

- ☐ Strombolian Eruptions
- ☐ Vulcanian Eruptions
- ☐ Plinian Eruptions
- ☐ Pelean Eruptions

## Group 3 – Reasons of Volcanic Eruptions

ex.



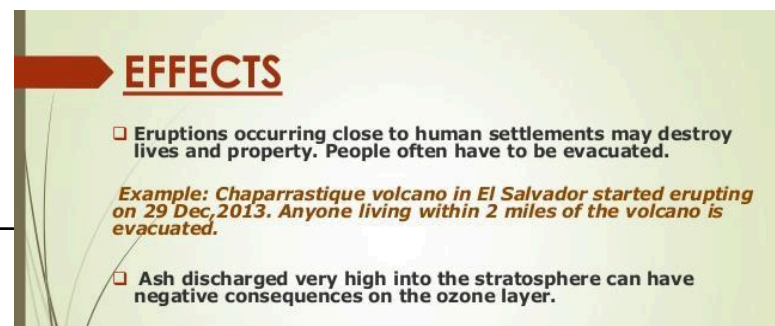
**REASONS**

There are three dominating theories to explain what causes a volcano to erupt –

- ☒ Due to Density-difference in Magma
- ☐ Pressure of Released Gases
- ☐ Injection of New Magma

## Group 4 – Effects of Volcanic Eruption

ex.


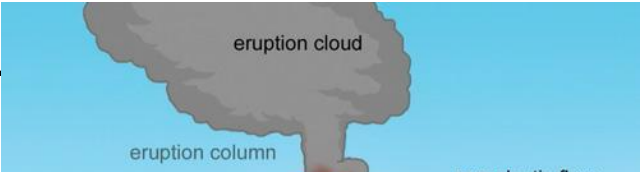


**EFFECTS**

- ☐ Eruptions occurring close to human settlements may destroy lives and property. People often have to be evacuated.

*Example: Chaparrastique volcano in El Salvador started erupting on 29 Dec, 2013. Anyone living within 2 miles of the volcano is evacuated.*

- ☐ Ash discharged very high into the stratosphere can have negative consequences on the ozone layer.

	<p>Group 5 – Safety tips</p> <p>ex.</p> <div data-bbox="662 454 1441 882">  </div>
E. Discussing new concepts and practicing new skills#2 (10 mins.)	
F. Developing mastery (Leads to Formative Assessment 3) (12 mins.) Elaborate	<ul style="list-style-type: none"> <li>Based on the discussion, what happens when volcanoes erupt?</li> </ul> <p>How does volcanic eruption occur?</p>
G. Finding practical applications of concepts and skills in daily living (3 mins.)	From the discussion about the volcanic eruptions, what happens before volcanic eruptions? How long can a volcanic eruption last?
H. Making generalizations and abstractions about the lesson (3 mins)	Do you think discussing the happenings during volcanic eruption may give contribution to the humanity? If yes, why do you say so?
I. Evaluating learning (8 mins)	
J. Additional activities for application or remediation (1 min)	<p><b>Explain what happens when volcanoes erupt?</b></p> <p><i>(to check this quiz the teacher must provide rubric to evaluate the answers of the students.)</i></p>
V. REMARKS	

	Explain your observation from the picture.
<b>VI. REFLECTION</b>	
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:

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