





LESSON TITLE: World's Ten Live Volcanoes

TIME: 40 minutes

OVERVIEW To teach volcanoes google earth will be very appropriate. Through this tool the location of various volcanoes can be shown easily . The detailed information along with pictures and videos will help in understanding better.

Google expedition will also be shown at the end of the class to give the real life experience of volcano.

SUBJECT/TOPIC Geography, Live Volcanoes	AGE LEVEL: 13 Years Old
 Learning Objectives <ol style="list-style-type: none"> 1. Understanding of the volcanic activities 2. Rock formation 3. Rock Cycle 	 Inquiry <ol style="list-style-type: none"> 1. Have you seen different types of stones, pebbles, rocks, etc? 2. Did you ever think why are they different? 3. What is magma made up of? 4. Why does it come out from a specific place and not from everywhere?
 Materials Needed [List of all the materials and resources needed for the lesson.] <ol style="list-style-type: none"> 1. Black Board and Chalk 2. World Map 3. LCD 4. Laptop/ Desktop/ Mobile with internet 5. Model of Volcano 	 Lesson Summary <ul style="list-style-type: none"> ● Engage: Start with the types of stones that we see around. Gradually built up the class with the concept of their formation. ● Explore: Reach to the base/ primary form of rock ● Explain: These primary rocks are made by the cooling of magma. The magma comes out on the surface through the cracks created among the soft rock layers of the earth. ● Revise: The volcanoes can be made at home with the help of a container, baking soda, soap, vinegar and food colour. ● Apply: The knowledge about volcanoes help in understanding the formation of some islands such as Andman and Nicobar Island.



Sustainable Development Goals

Sustainable Development Goals addressed in this lesson are:

1. Climate Action
2. Life on Land
3. Responsible Consumption and Production



Culminating Task/Assessment student's mastery of learning objectives will be assessed through map work and drawing tests.
Concept understanding will be assessed through google form.



Textbook Chapter: Grade VII, Geography, Chapter 3, Our Changing Earth, CBSE Curriculum.

Credits

Written by: Deepali Rai and designed by: Deepali Rai in collaboration with None
School Name: Mount Carmel School, Dwarka, New Delhi