

# Interactive Volcanoes: *Exploring the volcanic activity around the Mediterranean Region*

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## Abstract

Living on a small island and very close to the most active volcano in the Mediterranean the students are guided to embark on an interactive journey to learn more about these powerful wonders of nature.

## Objectives

- explore the volcanic activity around the Mediterranean Region
- locate areas of frequent seismic activity and correlate the intensity with possible effects of earthquakes in the Mediterranean region
- explore the reasons why people live in such areas at risk and to investigate contingency plans taken for emergencies

## Keywords

Volcanoes, earthquakes, eruptions, virtual reality, hands-on activities, quizzes.

## Student-Centred Teaching



## Results

The activities presented get all students fully engaged in the active learning process. Such a student-centred approach promotes discovery learning, strengthens students' motivation, promotes peer communication, reduces disruptive behaviour, builds student-teacher relationships and above all allows students to become responsible participants in shaping their own learning.

## Reference

Google Maps  
ClassVR  
Kahoot.it  
Quizlet.com  
[https://www.youtube.com/watch?v=9b\\_gltKtERY](https://www.youtube.com/watch?v=9b_gltKtERY)

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