LESSON PLAN (6)

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| **TOPİC:** Trail of Extinct and Active Volcanoes, Earthquakes Across Europe  | TİME: 45 min |
| LEVEL: 9-10 | STUDENT AGE: 14-15 |
| AIMS: | LEARNİNG OBJECTIVES: |
| -to teach CLIL lesson about volcanoes-to learn the vocabulary derived from  the topic.-to teach the topic via technologic  materials .Basic compass directions (north, south, east, and west)Using a map scale to determine distance between two pointsUsing a map legend, or key, to interpret basic map symbolsLocating places on the basis of longitude and latitude | -TO KNOW Effects of Volcanoes Atmosphere - TO UNDERSTANDActive volcanoHistory of volcanoPopulationSeismographMap-TO BE ABLE TO Use term-specific languageInterpreting population |
| Teaching aids: ppt presentation, photos of different parts of volcanoes, maps and atlases,**Videos**<https://www.youtube.com/watch?v=Dp0Xd1qvgGM>, <https://www.youtube.com/watch?v=Xznc78EkT0E>, <https://www.youtube.com/watch?v=qV-Wm4PKyxQ> **Links:**<http://volcanoes.usgs.gov/> <http://www.ucl.ac.uk/rdr/publications/irdr-special-reports/iceland> <http://serc.carleton.edu/NAGTWorkshops/health/case_studies/volcanic_ash.html> <http://environment.nationalgeographic.com/environment/natural-disasters/volcano-profile/> |
| TIME | STAGE | PROCEDURE | AIDS | MODE OF INTERACTION |
| 5 min | Step 1 Warm -up | Ask student if they know what is MAP? What is Seismograph? | Photos of different Seismograph and map | Students give examples, they try to recognize photos |
| 2-3 min | Step 2 | Teacher explains: **Living with Volcanoes;** How can we live with active volcano ? What does do Seismograph? What are active volcano in the World ? What is the population of volcanic places ? How can we determine the distance between 2 points in map ? How can we read the maps ? How can we locate the places.? | Definition of Terms  | Students try to explain the terms |
| 20 min | Step 3 | Teacher writes 3 terms on the blackboard: MapDistanceSeismograph | İnteractive whiteboards Animations Slides with photos of terms | Students try to explain new terms |
| 8 min | Step 4 | Summing up all processes | Discussion | Class work |
| 9 min | Step 5 | On line test<http://study.com/academy/exam/topic/volcanoes.html> http://hsstaffserver.stjames.k12.mn.us/~fraken/Earth%20Science%20Files/Grade%208%20Practice%20Quizzes/volcanoesquiz.html<http://www.helpteaching.com/search/volcano>  | test | Students’ individual or group work |

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