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 points  Using a map legend, or key, to interpret basic map symbols  Locating places on the basis of longitude and latitude | | | | -TO KNOW  Effects of Volcanoes Atmosphere  - TO UNDERSTAND  Active volcano  History of volcano  Population  Seismograph  Map  -TO BE ABLE TO  Use term-specific language  Interpreting 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:  Map  Distance  Seismograph | | | 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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