LESSON PLAN (1)

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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 .  The lithosphere is the Earth's hard, outermost shell that is divided into a mosaic of 16 major slabs, or plates.  The first lesson introduces the nature of volcanoes and volcanic eruptions. In addressing how and where volcanoes occur, students learn that volcanic eruptions are geologic events that take place within the upper part and on the surface of the Earth's lithosphere.  Volcanic eruptions, however, can impact all of the Earth's systems, including the lithosphere itself: Volcanic eruptions create volcanic mountains. A key point is that understanding how and where volcanoes occur helps students understand the dynamic nature of the Earth's geologic processes. | | | -TO KNOW  Feature of volcanoes in the world. The effect of the earthquake volcano  - TO UNDERSTAND  Active volcano  Atmosphere  Crater  Cryosphere  Dome  Dormant volcano  Extinct volcano.  Geosphere  Glacier  Hot spot  Hydrosphere  Lateral blast  Lithospheric plates  Magma  Mantle  Shield volcano.  Stratovolcano  Subduction zone  Tephra  Topographic map  Tree rings  VolcanoVolcanic avalanche  Windward  -TO BE ABLE TO  Use term-specific language  Describe each process  Classify the kind of volcanoes | | | |
| 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/>  <http://www.bbc.co.uk/search?filter=bitesize&q=volcanoes> | | | | | | |
| TIME | STAGE | PROCEDURE | | AIDS | | MODE OF INTERACTION |
| 5 min | Step 1 Warm -up | Ask student if they know what is volcano, where does volcano? | | Photos of different volcanoes | | Students give examples, they try to recognize photos |
| 2-3 min | Step 2 | Teacher explains: **Windows into the Earth**  (Volcanoes) | | Definition of Terms | | Students try to explain the terms |
| 20 min | Step 3 | Teacher writes 3 terms on the blackboard: Volcano ,Lava , Magma Teacher explains processes and new terms connected.  Volcano animation explains process of volcanic explosion. | | İnteractive whiteboards Animations Slides with photos of different processes | | Students try to explain new terms |
| 8 min | Step 4 | Summing up all processes | | Discussion | | Class work |
| 7 min | Step 5 | On line test  <https://quizlet.com/10503887/test> | | test | | Students’ individual or group work |

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