LESSON PLAN (8)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 flora(plant variation) in the volcanic areas  - to teach the dominant plant types  - to teach the endemic plant types  - culture plants that grown in the volcanic areas  - the process formation of flora in the volcanic areas (Succession)  - adaptation of flora and the relation between flora and geography, jeology  - concepts about flora is going to learn in this class  - the economic importance of some plants in flora | | | - TO KNOW  The features of flora in the volcanic areas  Relation between flora and geography, jeology  The stages of flora’s formation  - TO UNDERSTAND  Active volcano, Extinct volcano, lithosphere, variety of soil, formation of soil, flora, succession, forest, bush, steppe, maki, fungal, lichen, alga, reeds, water plants, hydrosphere, magma, mantle, shield subduction zone, tephra, topographic map  - TO BE ABLE TO  Use term-specific language, Describe each process  Classify the kind of flora | | | |
| 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://ders.eba.gov.tr/proxy/VCollabPlayer\_v0.0.46/index.html#/main/curriculum/10/biyy?currID=7e0a240261ae889a7b9ec29ad7549b7f&expand=true**](http://ders.eba.gov.tr/proxy/VCollabPlayer_v0.0.46/index.html#/main/curriculum/10/biyy?currID=7e0a240261ae889a7b9ec29ad7549b7f&expand=true)  <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 flora, succession, adaptation?  Where does flora on volcano area? | | Photos of different volcanoes | | Students give examples, they try to recognize photos |
| 2-3 min | Step 2 | Teacher explains: **herbal life in the volcanic areas** | | Definition of Terms | | Students try to explain the terms |
| 20 min | Step 3 | Teacher writes 3 terms on the blackboard: flora, succession, adaptation teacher explains processes and new terms connected.  Explains the process after volcanic actions.  Student presents the flora in the Antalya and the region in it’s in visually with PPT. | | Interactive White boards Animations Slides with photos of different processes (ppt) | | Students try to explain new terms |
| 8 min | Step 4 | Summing up all processes | | Discussion | | Class work |
| 7 min | Step 5 | Online test  <http://www.nature.org/newsfeatures/specialfeatures/flora-facts-quiz.xml>  <http://ders.eba.gov.tr/proxy/VCollabPlayer_v0.0.46/index.html#/main/testCenterExam/exams/10/biyy?currID=62f60fe654672fc3e01948609dc1f401&isForTeacher=true&season=1&page=1&sort=name&sortdirection=asc&backID=076f5566-f71b-ffa3-2425-cddbc2fa915f> | | test | | Students’ individual or group work |

AUTHOR: Emin KUTLU