LESSON PLAN (9)

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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 flora(plant variation) in the volcanic areas  - to teach the intensive fauna types,  - to teach the endemic animal types,  - wild animals that grown in volcanic areas,  - the relation between the process of fauna’s formation and succession  - the relation between fauna and geography, jeology and it’s adaptation  - concepts about flora is going to learn in this class,  -the economic importance of some animals,  - formation of the ecosystem and it’s persistence | | | - TO KNOW  The features of flora in the volcanic areas  Relation between flora and geography, jeology  The stages of ecosystem’s formation  - TO UNDERSTAND  Fauna, flora, invertebrates, vertebrates, porifera, coelenterata, worms, mollusc, knuckleheads, fishes, amphibia, reptiles, birds, mammals,  - TO BE ABLE TO  Use term-specific language, Describe each process  Classify the kind of fauna | | | |
| 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 students if they know what is fauna, adaptation?  Where does fauna on volcano area? | | Photos of different volcanoes | | Students give examples, they try to recognize photos |
| 2-3 min | Step 2 | Teacher explains: **animal life in the volcanic area** | | Definition of Terms | | Students try to explain the terms |
| 20 min | Step 3 | Teacher writes 3 terms on the blackboard: fauna, 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 | On line test  <http://www.nature.org/newsfeatures/specialfeatures/flora-facts-quiz.xml>  <http://animals.nationalgeographic.com/animals/quiz/>  <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 |

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