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 areasRelation between flora and geography, jeology The stages of ecosystem’s formation- TO UNDERSTANDFauna, flora, invertebrates, vertebrates, porifera, coelenterata, worms, mollusc, knuckleheads, fishes, amphibia, reptiles, birds, mammals,- TO BE ABLE TOUse term-specific language, Describe each processClassify 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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