

Plant adaption to different habitat

Worksheet 1 - teacher's notes

1. What is adaptation? Can you think of any examples of plant adaptation ? What do plants adapt to? Watch the film and answer the questions:

<http://studyjams.scholastic.com/studyjams/jams/science/plants/plant-adaptations.htm>

An adaptation is a physical or behavioral characteristic that has developed to allow an organism to better survive in its environment. Adaptations are the result of evolution, and may occur when a gene mutates, or changes by accident. That mutation causes the organism to better survive and reproduce, and it passes on that trait to its offspring. It can take many generations to develop an adaptation.

Plants adapt to the environment they live in, through adaptation they also attract pollinators.

2. Plants can adapt to the environment they live in, but also they know how to attract pollinators or come up with clever ways to spread their seeds. Your teacher will put you in groups and give you a task.

students use the websites provided to search for examples of plant adaptation to different habitat, seed and pollen dispersal, due to a specific nature of this task there are many possible answers, it is recommended for the teacher to follow the websites and find out more about the topic beforehand

<http://www.bbc.co.uk/nature/adaptations/Pollinator>

<http://www.mbgnet.net/bioplants/pollination.html>

<http://www.biologie.uni-hamburg.de/b-online/ibc99/koning/pollenadapt.html>

http://www.exploringnature.org/graphics/seed_dispersal_activity.pdf

<http://www.mbgnet.net/bioplants/seed.html>

<http://www.nku.edu/~whitsonma/Bio120LSite/Bio120LReviews/Bio120LPlantRev.html>

http://biology.unm.edu/ccouncil/Biology_112/Summaries/Plant_Adaptations.html

http://www.desertusa.com/du_plantsurv.html

http://www.countrysideinfo.co.uk/wetland_survey/adaptns.htm

https://www.princeton.edu/~achaney/tmve/wiki100k/docs/Aquatic_plant.html

http://www.ehow.com/about_6331322_plant-adaptation-life-water.html

http://botany.org/Carnivorous_Plants/

http://www.ehow.com/about_6563171_carnivorous-plant-adaptations.html