

Name: _____

Date: _____

Features of Plants

Below are the instructions for your Features of Plants web quest. You will be expected to visit each website link, gather the information which is required of you, and fill out the following graphic organizers. Make sure to read all instructions thoroughly and complete the web quest with care.

Step 1: BBC Schools

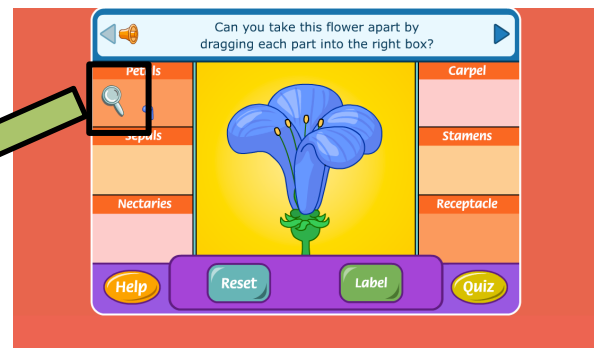
Go to http://www.bbc.co.uk/schools/scienceclips/ages/9_10/life_cycles_fs.shtml

>Drag each part of the flower to the correct box.

>Click the magnifying glass to learn about that part of the flower.

>Read information on the following parts, and fill out the graphic organizer.

1. Petals
2. Sepals
3. Nectaries
4. Carpel
5. Stamens
6. Receptacle



>Write at least two facts about each part of the flower.

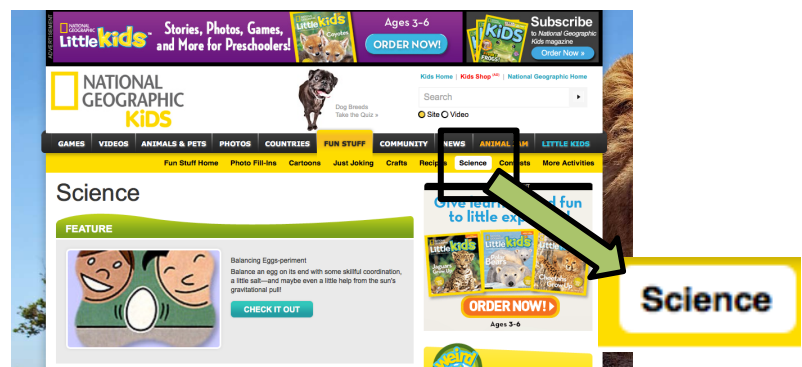
Step 2: National Geographic Kids

>Go to kids.nationalgeographic.com

>Move your mouse over "Fun Stuff", and click "Science".

>Scroll down to "All Science Experiments" and click on "Living in a Green World".

>Read the article and fill out the organizer with your own ideas.



Name: _____

Date: _____

Step 3: Study Jams (In this instance, 'jams' is used to represent the musical and artistic aspects of the website)

Google "Study Jams Plant Adaptations".

>Click on the first link that appears on Google.

>Scroll through the topics until you find "Plants".

>Click on "Plant Adaptations" along the right-hand side.



- Roots & Stems**
How do plants drink all that water? Roots and stems work kind of like a straw, and they are the best friend of a thirsty plant.
- Photosynthesis**
When people get hungry, they go to a restaurant or their refrigerator. Not plants! They make their own food using photosynthesis.
- Gymnosperms: Seeds in Cones**
Plants have to get their seeds out somehow, and gymnosperms do it with cones. How? Let us show you!
- Flowers**
Angiosperm plants have a special way of reproducing. They use flowers!
- Mosses & Ferns**
What do mosses, liverworts, club mosses, spike mosses, horsetails, and ferns have in common? They all reproduce using spores!
- The Kingdoms of Life**
Even plants and animals want to belong! All living things fall into one of five kingdoms.
- Plant Cells**
Plant cells are powerhouse workaholics! They do all kinds of jobs inside the plant, helping keep the plant alive and healthy.
- Plants with Seeds**
Seeds are amazing things! Read this section, and you will never look at your sunflower seeds the same way again.
- Angiosperms: Seeds in Fruit**
In some plants, called angiosperms, seeds grow inside fruit. That is a pretty tasty place to grow up, if you ask us!
- Plants without Seeds**
Did you know that plants do not all have seeds? Some plants reproduce by other means, and they are just as amazing!
- Plant Adaptations**
When the going gets tough, plants adapt! Plants have incredible ways to adjust to their surroundings.

Plant Adaptations

>Click on the green "Play Video" button to watch and learn more about plant adaptations.



>Following the video, complete the attached graphic organizer. Write a description about how each of the 4 plants in the video adapted to their environment.

>Click on the blue "Test Yourself" button and complete the short quiz.



Step 4: Study Jams

Stay on the study jams website.

>Click on the white drop down menu in the bottom middle of the screen that says "See All Related Jams".

>Click on "Photosynthesis".

>Click on the green "Play Video" button.

>Complete the following graphic organizer for the "recipe" of photosynthesis.



Name: _____

Date: _____

Step 5:

Go to <http://www.bitstrips.com>

>Use the login code and password provided.

>Create a one page Bitstrip about what you can do to help the environment.

>Your Bitstrip must include at least 4 sections.

An example one is provided below.

*Remember reduce, reuse, recycle!

