

 Activity 7: Carbon Cycle

How does the carbon cycle work? Resources

• BrainPOP Video: Photosynthesis (username: 0099 password: students)

[https://www.brainpop.com/science/cellularlifeandgenetics/photosynthesis/](http://www.brainpop.com/science/cellularlifeandgenetics/photosynthesis/)

• Ducksters: Photosynthesis <http://www.ducksters.com/science/photosynthesis.php>

Instructions

1. Watch the *BrainPOP Video: Photosynthesis.*

2. Visit the website *Ducksters: Photosynthesis,* and read the page carefully.

3. Use the information provided to answer the fill-in-the-blank questions below.

Carbon Cycle

chlorophyll carbon

the Sun sugar

oxygen carbon dioxide

1. In the process of photosynthesis, plants collect energy from

2. The main source of nutrition for plants is the molecule

3. The green pigment that makes photosynthesis possible is

4. During photosynthesis, leaves release

as a waste product.

5. Humans exhale into the air when they breathe.

6. When fossil fuels are burned, is released into the atmosphere.

ADLC Science 6