



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/>

• **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.