

Name:

Photosynthesis: Life's Greatest Inventions

Use with:

<http://www.newscientist.com/article/dn9951-top-10-lifes-greatest-inventions.html?full=true#faq5>

Directions: Read the entire section on PHOTOSYNTHESIS carefully. Then go back through the article looking for specific details to answer the following questions. Use complete sentences!

1. Without photosynthesis, what would be missing in the atmosphere?
2. Before photosynthesis appeared on the planet, autotrophs made their food from what? (HINT: Consider the article AND class discussions)
3. Scientists believe that plants “borrowed” the ability to photosynthesize from what organism?
4. How does the oxygen made in photosynthesis protect life?
5. Reread the second paragraph. Use context clues to determine what the term **meagre** means.
6. Summarize the benefits of photosynthesis to life on planet Earth.