

# Lesson 11: Oxygen Changes Everything

## Vocabulary: Fill in the Blank

**Word Bank:** *photosynthesis* *Great Oxidation Event* *aerobic* *anaerobic* *ozone layer* *cyanobacteria*

1. The process by which organisms use sunlight, water, and CO<sub>2</sub> to make food, releasing oxygen, is called

\_\_\_\_\_.

2. The bacteria that invented photosynthesis and transformed Earth's atmosphere are called

\_\_\_\_\_.

3. The period about 2.4 billion years ago when oxygen built up dramatically in Earth's atmosphere is called the

\_\_\_\_\_.

4. Organisms that require oxygen to survive are called \_\_\_\_\_.

5. Organisms or processes that do not need oxygen are called \_\_\_\_\_.

6. The layer in the upper atmosphere that protects life from harmful ultraviolet radiation is called the

\_\_\_\_\_.

## Because / But / So

Complete each sentence using the connector word shown.

The rise of oxygen was one of the most important events in the history of life **because**

\_\_\_\_\_

The rise of oxygen was one of the most important events in the history of life, **but**

\_\_\_\_\_

The rise of oxygen was one of the most important events in the history of life, **so**

\_\_\_\_\_