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| **The Oxygen-Carbon Dioxide Cycle  By Cindy Grigg** |  | http://www.edhelperclipart.com/clipart/edhelp1.gif |

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**Directions:**  Fill in each blank with the word that best completes the reading comprehension.  
  
     One element that is very *(1)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   to *(2)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   all living things is oxygen. Humans and other animals need oxygen to stay *(3)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  . Every time you take a breath, you are filling your lungs with oxygen.  
     If much of the oxygen in the air disappeared, animals would not be *(4)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   to *(5)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  . But animals are breathing in oxygen every day. Why doesn't the air ever run out of oxygen?  
     Plants help *(6)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   the oxygen that animals need to survive. When you breathe out, you release *(7)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   dioxide into the air. Carbon *(8)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   is made up of two elements, carbon and oxygen. To make their own food, plants use carbon dioxide from the air. Then they *(9)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   oxygen as a waste product. Humans and other animals breathe in oxygen and release carbon dioxide. This cycle is known as the oxygen-carbon dioxide cycle.  
     About eighty *(10)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   of the oxygen used by animals is replaced by algae. Algae are classified as neither plants nor animals, but as *(11)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  . They have chlorophyll and can make their own food by photosynthesis. Algae live world-wide, in oceans, *(12)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  , and *(13)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   on land. Plants living on land replace the remaining twenty percent of the oxygen used by animals. Because of the oxygen-carbon dioxide cycle, the *(14)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   of oxygen in the air stays fairly constant. As long as there are *(15)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   plants on Earth to release oxygen, we will never run out.

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| |  |  | | --- | --- | | 1. | What two elements is carbon dioxide made of? http://stories.edhelperclipart.com/clipart/bubblea.jpg  Carbohydrate and dioxin http://stories.edhelperclipart.com/clipart/bubbleb.jpg  Carbon and dioxin http://stories.edhelperclipart.com/clipart/bubblec.jpg  Carbon and oxygen http://stories.edhelperclipart.com/clipart/bubbled.jpg  Carbohydrate and oxide | | |  |  | | --- | --- | | 2. | How do plants use carbon dioxide? http://stories.edhelperclipart.com/clipart/bubblea.jpg  To get rid of waste products http://stories.edhelperclipart.com/clipart/bubbleb.jpg  To break down oxygen http://stories.edhelperclipart.com/clipart/bubblec.jpg  To get water http://stories.edhelperclipart.com/clipart/bubbled.jpg  To make their own food | |
| |  |  | | --- | --- | | 3. | Which of the following correctly describes the oxygen-carbon dioxide cycle? http://stories.edhelperclipart.com/clipart/bubblea.jpg  Humans and other animals breathe in oxygen and release carbon dioxide. http://stories.edhelperclipart.com/clipart/bubbleb.jpg  Plants absorb carbon dioxide and release oxygen. http://stories.edhelperclipart.com/clipart/bubblec.jpg  The oxygen-carbon dioxide cycle keeps the amount of oxygen in the air fairly constant. http://stories.edhelperclipart.com/clipart/bubbled.jpg  All of the above | | |  |  | | --- | --- | | 4. | Which of the following best states the main idea of the reading passage? http://stories.edhelperclipart.com/clipart/bubblea.jpg  The oxygen-carbon dioxide cycle keeps the amount of oxygen in the air fairly constant. http://stories.edhelperclipart.com/clipart/bubbleb.jpg  Carbon dioxide is made up of two elements. http://stories.edhelperclipart.com/clipart/bubblec.jpg  Oxygen is an element. http://stories.edhelperclipart.com/clipart/bubbled.jpg  Animals breathe in oxygen every day. | |
| |  |  | | --- | --- | | 5. | Plants help keep humans and other animals alive. http://stories.edhelperclipart.com/clipart/bubblea.jpg  Opinion http://stories.edhelperclipart.com/clipart/bubbleb.jpg  Fact | | |  |  | | --- | --- | | 6. | We should all grow plants. http://stories.edhelperclipart.com/clipart/bubblea.jpg  Opinion http://stories.edhelperclipart.com/clipart/bubbleb.jpg  Fact | |
| |  |  | | --- | --- | | 7. | Plants take in carbon dioxide from the air. http://stories.edhelperclipart.com/clipart/bubblea.jpg  Opinion http://stories.edhelperclipart.com/clipart/bubbleb.jpg  Fact | | |  |  | | --- | --- | | 8. | Humans could not survive without oxygen. http://stories.edhelperclipart.com/clipart/bubblea.jpg  Opinion http://stories.edhelperclipart.com/clipart/bubbleb.jpg  Fact | |

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| **Answer Key** |

     One element that is very *(1)*  important   to *(2)*  nearly   all living things is oxygen. Humans and other animals need oxygen to stay *(3)*  alive  . Every time you take a breath, you are filling your lungs with oxygen.  
     If much of the oxygen in the air disappeared, animals would not be *(4)*  able   to *(5)*  survive  . But animals are breathing in oxygen every day. Why doesn't the air ever run out of oxygen?  
     Plants help *(6)*  provide   the oxygen that animals need to survive. When you breathe out, you release *(7)*  carbon   dioxide into the air. Carbon *(8)*  dioxide   is made up of two elements, carbon and oxygen. To make their own food, plants use carbon dioxide from the air. Then they *(9)*  release   oxygen as a waste product. Humans and other animals breathe in oxygen and release carbon dioxide. This cycle is known as the oxygen-carbon dioxide cycle.  
     About eighty *(10)*  percent   of the oxygen used by animals is replaced by algae. Algae are classified as neither plants nor animals, but as *(11)*  protists  . They have chlorophyll and can make their own food by photosynthesis. Algae live world-wide, in oceans, *(12)*  freshwater  , and *(13)*  even   on land. Plants living on land replace the remaining twenty percent of the oxygen used by animals. Because of the oxygen-carbon dioxide cycle, the *(14)*  amount   of oxygen in the air stays fairly constant. As long as there are *(15)*  enough   plants on Earth to release oxygen, we will never run out.

Answers to Reading Comprehension Questions  
  
**1**  http://stories.edhelperclipart.com/clipart/bubblec.jpg  Carbon and oxygen  
**2**  http://stories.edhelperclipart.com/clipart/bubbled.jpg  To make their own food  
**3**  http://stories.edhelperclipart.com/clipart/bubbled.jpg  All of the above  
**4**  http://stories.edhelperclipart.com/clipart/bubblea.jpg  The oxygen-carbon dioxide cycle keeps the amount of oxygen in the air fairly constant.  
**5**  http://stories.edhelperclipart.com/clipart/bubbleb.jpg  Fact  
**6**  http://stories.edhelperclipart.com/clipart/bubblea.jpg  Opinion  
**7**  http://stories.edhelperclipart.com/clipart/bubbleb.jpg  Fact  
**8**  http://stories.edhelperclipart.com/clipart/bubbleb.jpg  Fact