

# Cellular Respiration

Real World Energy  
Learner Worksheet  
Grade Level: 9-12



Name:

Read the cellular respiration backgrounder and answer the following questions.

**1. Describe five differences between respiration and photosynthesis.**

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**2. What is the simple sugar involved in cellular respiration?**

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**3. What life processes require the energy that is harvested from glucose through aerobic respiration?**

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**4. Describe the difference between how plants and animals obtain glucose.**

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**5. Explain the difference between aerobic and anaerobic respiration.**

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**6. What is another name for anaerobic respiration?**

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**7. During strenuous exercise our bodies require energy. Explain the role of cellular respiration in providing this energy.**

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**8. Understanding cellular respiration has allowed us to utilize this process for other purposes. Write a short paragraph describing how utilizing cellular respiration has reduced our environmental impact.**

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