

Guiding Questions - Photosynthesis

Read pp. 204-09 in the textbook and answer the following questions:

1. What is photosynthesis? (p.205)
2. What is the source of almost all energy on Earth? (p.205)
3. What are the components of white light? (p.205)
4. Which colors of light do plants absorb, and which color do plants reflect? (p.206)
5. What pigment absorbs the light in plants? Where is this pigment found in plants? (p.206)
6. What energy conversion occurs in photosynthesis? (p.206)
7. Describe the photosynthesis process. What are the reactants and products in the process? (p.207)
8. What is the chemical equation for photosynthesis? (p.208)
9. In what process do plants and animals use glucose to grow? (p.208)
10. What are fossil fuels? How are they made? (p.209)
11. What is gravitropism? (p.131)
12. What is phototropism?