

Life Science 7

(Copy the following lab activity set up in your science notebook.)

Title: Activity 8 Photosynthesis and Cellular Respiration

Challenge Question: How do cells get and use energy?

Background:

- All organisms need energy. The cells of organisms use energy to carry out life activities.
- **Photosynthesis** is the process in which plants and other organisms make their own food using light energy from the sun.
- **Cellular respiration** is the process in which cells use molecular oxygen to break down food and release stored energy.

Vocabulary:

Term	Definition	Picture or Example
photosynthesis		
cellular respiration		
chlorophyll		

Materials:

Cells and Heredity book

Procedures:

1. Read pages 66 - 75 in *Cells and Heredity* book.
2. Do questions 1, 2, and 5 - 15. Write answers in Data/Results section in science notebook activity set up.
3. Do Lesson Review on page 77 questions 1 - 9. Write answers in science notebook set up in Data/Results section.

Data/Results:

(Write answers to book questions here.)

