

Life Science 7

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

Title: Activity 16 Sexual and Asexual Reproduction

Challenge Question: How do organisms reproduce?

Background:

How do plants reproduce? Do plants reproduce asexually or sexually?

What are the two main differences between sexual reproduction and asexual reproduction?

Vocabulary:

Term	Definition	Picture or Example
asexual reproduction		
sexual reproduction		
fertilization		

Materials:

Cells and Heredity book

Procedures:

1. Read pages 112 - 120 in *Cells and Heredity* book. Create notes from reading using Cornell note-taking format.
2. Answer questions 5, 7, 9 & 10, 12 - 16, and 24. Write answers in Data/Results section in science notebook activity set up.
3. Do Lesson Review on page 121 questions 1 - 10. Write answers in science notebook set up in Data/Results section.

Data/Results:

(Write answers to book questions here.)

Analysis Questions:

1. What is the difference between mitosis that causes organisms to grow and mitosis that creates new organisms?
2. In what way is meiosis important in asexual reproduction?
3. Look at the examples of asexual reproduction on page 117. What are some advantages of each type of

