

Unit 1 | Handout _____

Lesson 5: Observing Plant Cells

Purpose: To learn about plant cells, the parts they contain, and if plant cells have the same parts and appearance.

Instructions: Follow the instructions on the paper in the plastic sheet at your table.

Cell Drawings

Take pictures of your drawings and insert them here!

Defining Key Terms

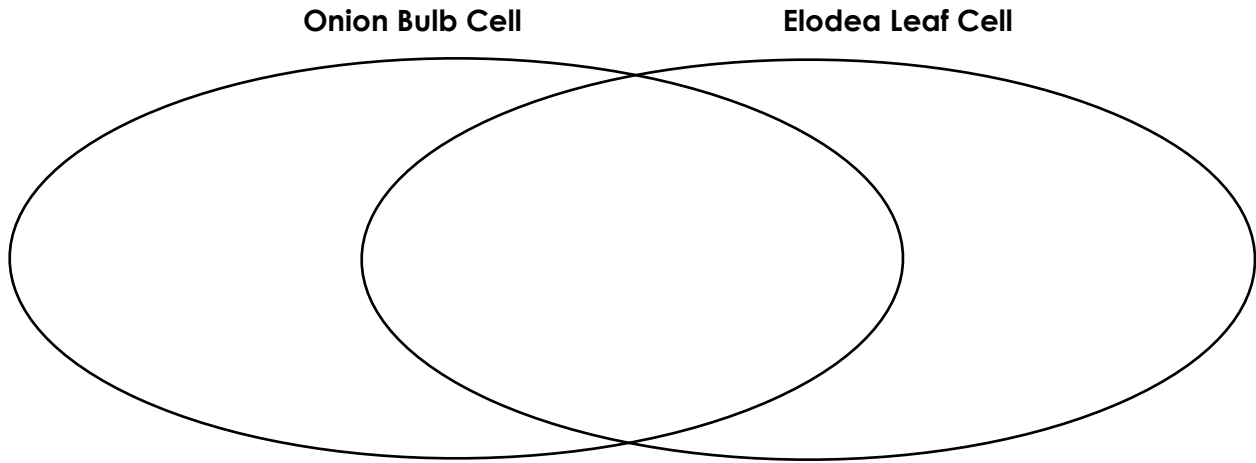
In the space below, define the parts you observed. Use pages 68-69 to help you.

Part	Definition
Cell Wall	
Chloroplast	
Vacuole	
Plastid	

Continue on to the back of this sheet.

Comparing Animal Cells

In the space below, compare and contrast the cheek and nerve cells you observed.

**Reflecting**

1. Describe the arrangement of the plant cells you observed. Provide an explanation for why the cells are arranged this way.

2. A student claims, "All plant cells have chloroplasts" Do you agree or disagree with this student? Support your answer using evidence collected during this activity.

3. Read pages 68-69. Write a sentence that lists 3 parts plant cells have that animal cells do not.