

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

**Instructions:** How do the shapes and structures of animal cells support the function of the cell?

**Cell Drawings**

*Take pictures of your drawings and insert them here!*

**Defining Key Terms**

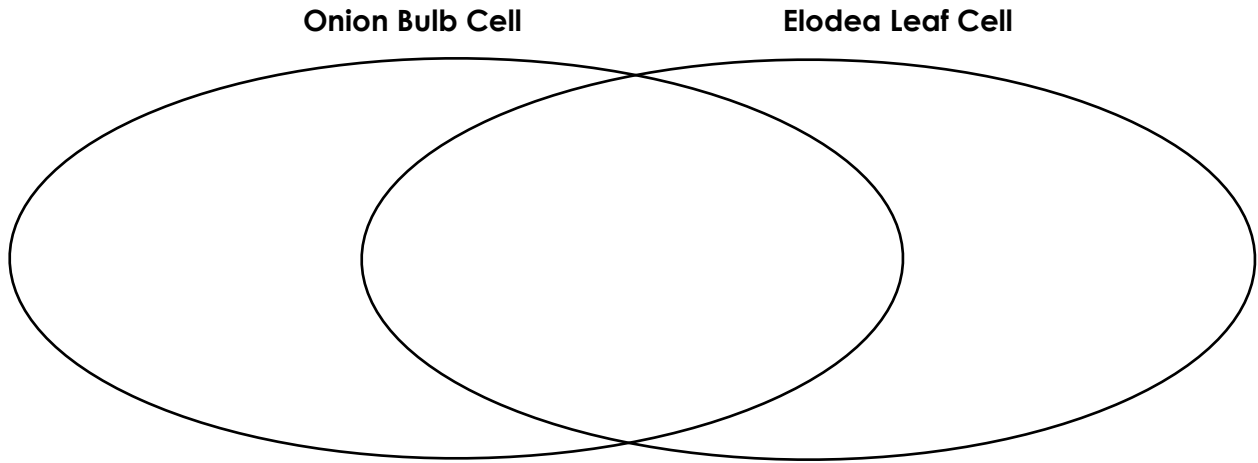
In the space below, define the parts you observed. Use pages 68-69 to help you.

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.