

**CH. 3: Cells - Basic Structures of Life**

**Lesson:** 3-1 Organization of life  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 6

**Lesson Objective**

Explain how life is organized from a single cell to an ecosystem.  
Describe the difference between unicellular organisms and multicellular organisms.

**Teaching Procedure**

Read/discuss p. 54-60.

**Homework Assignment**

Worksheet 3-1

**Lesson:** 3-2 Discovery of cells  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 6

**\*\*Correct Homework, if any\*\***

**Lesson Objective**

State the parts of cell theory.  
Explain why cells are so small.  
List advantages of being multicellular.

**Teaching Procedure**

Read/discuss p. 61-67.

**Homework Assignment**

Worksheet 3-2.

**Lesson:** 3-3 Eucaryotic cells: the inside story  
**Author:** Mr. Hilvers  
**Endorsed:** St. Lawrence School  
**Level:** Grade 6

**\*\*Correct Homework, if any\*\***

**Lesson Objective**

Explain the function of each eukaryotic cell.  
Describe the differences between animal and plant cells.

**Teaching Procedure**

Day 1: Read/discuss p. 68-70. Announce Incredible Edible Cell project (to be completed at home and brought to school.) Set groups: half do animal cells, the other half plant cells. Distribute Lab 2 Student Worksheet, review instructions. Groups are to assign duties and decide on foods to represent cell structures.  
Day 2: Read/discuss p. 71-73. Allot time for groups to organize.  
Day 3: Read/discuss p. 74-75. Allot time for groups to organize.  
Day 4: Quiz on organelles.  
Day 5: LAB - The Incredible Edible Cell: Peer evaluation.

**Homework Assignment**

Worksheet 3-3.

**Lab**

The Incredible Edible Cell: Peer evaluation.

**Lesson:** Test  
**Author:** ...  
**Endorsed:** ...  
**Level:** Grade 6

**Student Evaluation**

**Lesson:** Quiz  
**Author:** Mr. Hilvers  
**Endorsed:** ...  
**Level:** Grade 6

This is a short description of this lesson

**Student Evaluation**

Name for of the eight organelles, and list their functions. Bonus: Name one organelle found in plant cells but not in animal cells.