



**Mr. Silluzio**  
**Biology Lesson Plan**  
**Date:**

**Topic:** Prokaryote vs Eukaryote Cells, Plant Cells vs Animal Cells:.

**Summary:** Students will participate in class discussion to reveal a level of understanding of cells. Dependent on their responses, they will either begin a project that allows them to explore the structure and function of cell organelles, or they will do a microscope exercise to solidify understand of the basic topic listed above and hone their skills associated with the microscope.

**Goals/Objectives:**

- **Be able to draw Venn diagrams that illustrate the similarities and differences between prokaryote and eukaryote cells.**
- **Be able to identify parts of the light microscope and be able to center and focus and subjects using all lenses.**
- **Be able to prepare and observe a wet slide.**
- **Be able to differentiate between prokaryote and eukaryote cells.**

**Standards:**

**[Corresponding Standards](#)**

**Time Required: 80 minute period**

**Prerequisite Knowledge: Basic introductory of cells and use of the microscope**

**Accommodations: All notes, assignments and due dates are available online.**