



**Pre-Lab Questions:**

1. Why do we need a microscope to view cells?
2. What are some differences between plant and animal cells?
3. What would be the safest way for us to look at human cells? Where should we collect them from?

**During the Lab:**

Complete the microscope observation worksheet.

**Post-Lab Questions:**

1. Why was it necessary for us to use methylene blue while looking at the cheek cells?
2. Explain some of the differences you noticed between the structure of the plant and animal cells.
3. What are some other types of cells we would be able to observe that would not come from organisms in the plant or animal kingdoms?