Animal vs Plant Cell Laboratory

Preparation

1. Review how to measure field diameter for a microscope at low power.
2. Review how to use your measurements from low power field diameter to calculate medium and high power field diameter of the microscope.
3. Review how to prepare a sample on a microscope slide using iodine and a cover slip.
4. Research animal and plant cells online (Which organelles should you be able to see at 400 x magnification?)
5. Research Euglena and Paramecium online (How do they move? Which organelles should be visible at a maximum of 400x magnification?)