



The Enormous E

Unit: Cells and Organelles

Objective

- To practice using a compound microscope and create a wet mount slide to observe underneath different objectives of the microscope

What are Microscopes?

- Microscope: **instrument used for viewing very small objects typically magnified several hundred times**
- Simple Microscope: **single convex lens to produce an enlarged image**



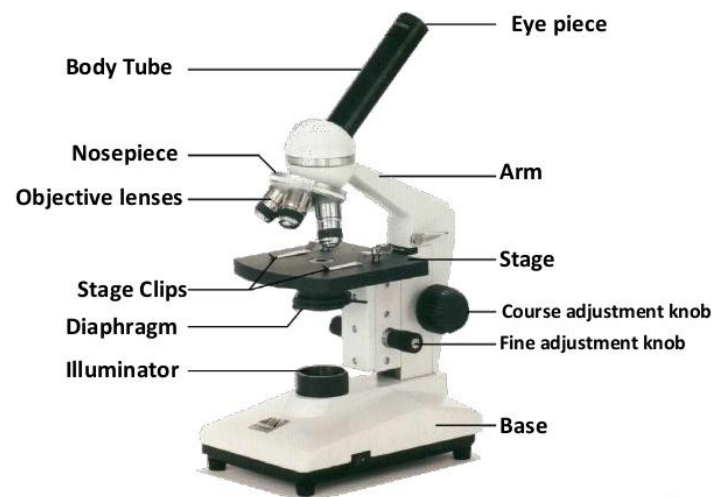
What are Microscopes?

- **X: the amount of times the object has been magnified by lenses**
- **Hand lens - consists of a convex lens made of a piece of glass or plastic**

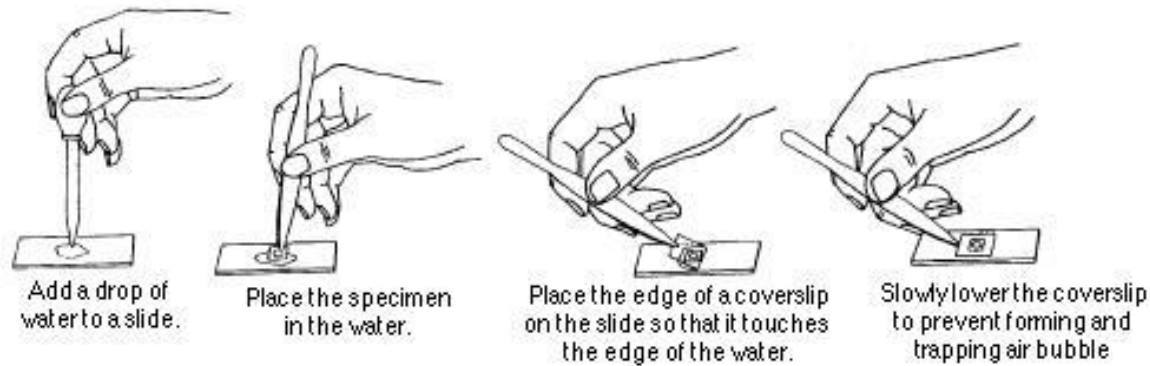


What are Microscopes?

- Compound Microscope: **instrument for forming magnified images small objects**
- Most compound microscopes: **have an objective lens and an eyepiece**



How do you prepare a wet mount slide?



- Add a drop of water to slide
- Place specimen in water
- Place edge of coverslip on side of water at angle and slowly lower it down