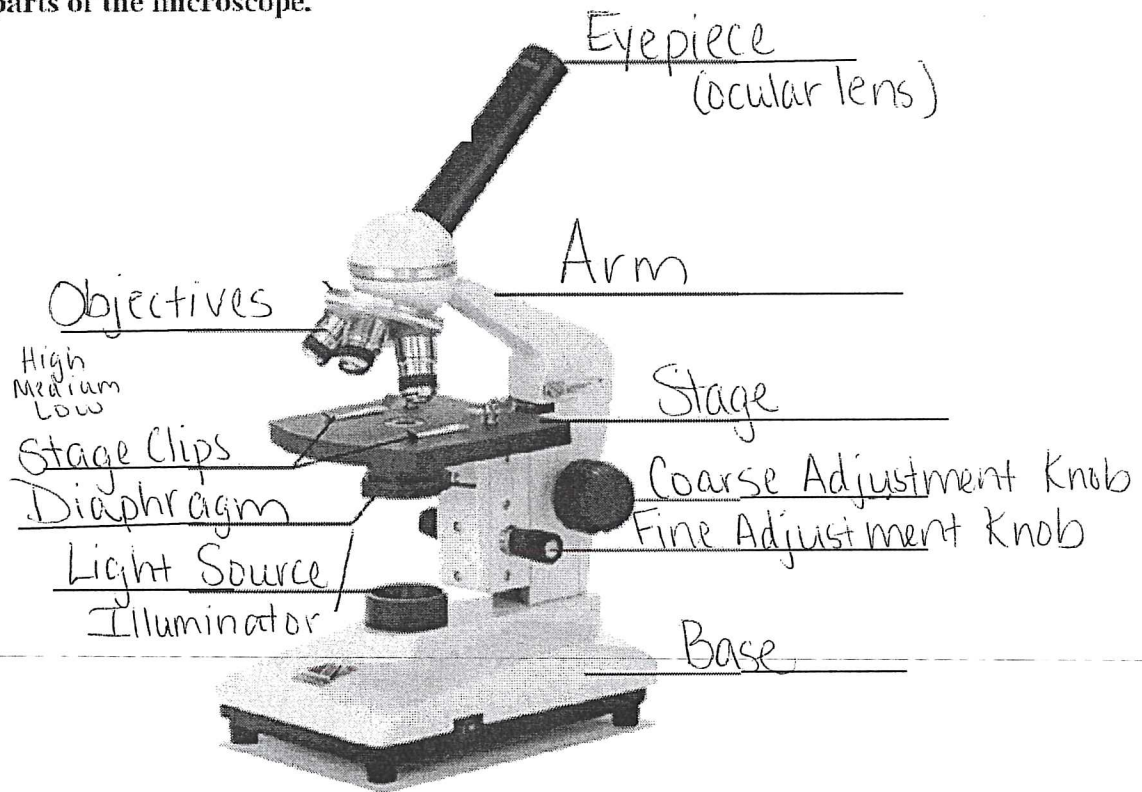


Microscope Basics

Name Key

1. Label the parts of the microscope.



2. How do you calculate the power of magnification? _____

Multiply the eyepiece magnification by the objective power

3. Calculate the powers of magnification for each objective lens.

Band Color	Objective Power	Eyepiece Lens Power	Power of Magnification
Red	4x	10x	40x
Yellow	10x	10x	100x
Blue	40x	10x	400x

4. What happens to our view of an image as you increase the power of magnification? _____

We see better details, but we don't see as much of the image.