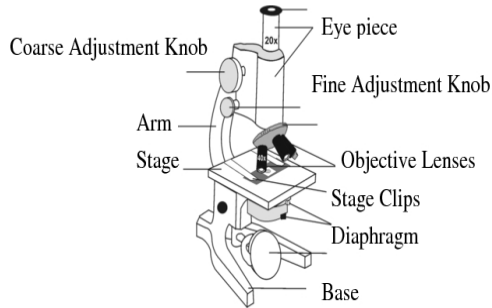


## Microscope Quiz Review



### PARTS OF A MICROSCOPE

**Eye piece** – the part of the microscope you look through. 10x magnification.

**Objective lens** – low (4x), medium (10x) and high power (40x) lenses.

**Diaphragm** – controls the amount of light illuminating the object.

**Arm** – holds up the eyepiece and objective lenses.

**Stage** – part of the microscope that holds the slide

**Stage clips** – hold the glass slide in place

**Base** – supports the microscope.

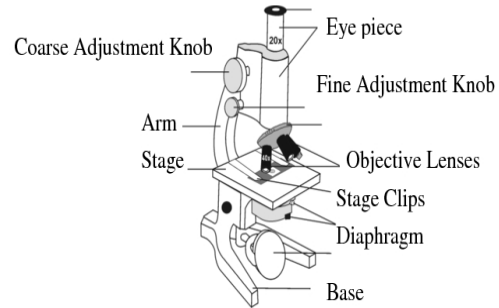
**Course Adjustment Knob** – moves the stage up and down.

**Fine Adjustment Knob** – brings an image into focus.

### CARE OF A MICROSCOPE

1. Dust and water are enemies of a microscope.
2. Use only **lens paper** to clean the lenses of a microscope.
3. Always carry a microscope with **two hands!** (One hand on arm, one on base)
4. Always **walk** when carrying a microscope!
5. Do not use the coarse adjustment knob on the HIGH power lens.
6. To put away a microscope:
  - a. Return to the LOW power lens
  - b. Lower the stage as much as possible
  - c. Clean and dry the slide you were using
  - d. Wrap cord around your hand and gently hook onto eye piece
  - e. Gently place dust cover on the microscope

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