**More Microscope Marvels**

**Materials:**

* Slides
* Coverslips
* Compound light microscope
* Various materials
* Forceps
* Droppers
* Water
* Paper towel

**Procedure**:

**PART A: Material of your choice #1 and 2**

1. Choose a material to observe and place it on a slide
2. Add two drops of water
3. Carefully place a cover slip over top of the sample with as few bubbles as possible
4. Observe the material under the light microscope on **LOW POWER (40x)**
5. Find one main area to focus on at 40x- **DRAW A DIAGRAM below.**
6. Focus in closer to **MEDIUM POWER 100X - DRAW A DIAGRAM below**
7. Clean up your slide materials and put everything back where you found it

**Magnification: 40X** **Magnification: 100X**

**Magnification: 40X** **Magnification: 100X**

**Material #3:**

Magnification: \_\_\_\_\_\_\_\_\_ Magnification: \_\_\_\_\_\_\_\_\_

**Prepared Slide**

1. Choose 1 prepared slide
2. Observe the item on the prepared slide under the light microscope on **LOW POWER (40x)**
3. Find one main area to focus on at 40x- **DRAW A DIAGRAM below.**
4. Focus in closer to **MEDIUM POWER 100X - DRAW A DIAGRAM below**
5. Clean up your slide materials and put everything back where you found it

Magnification: \_\_\_\_\_\_\_\_\_ Magnification: \_\_\_\_\_\_\_\_\_