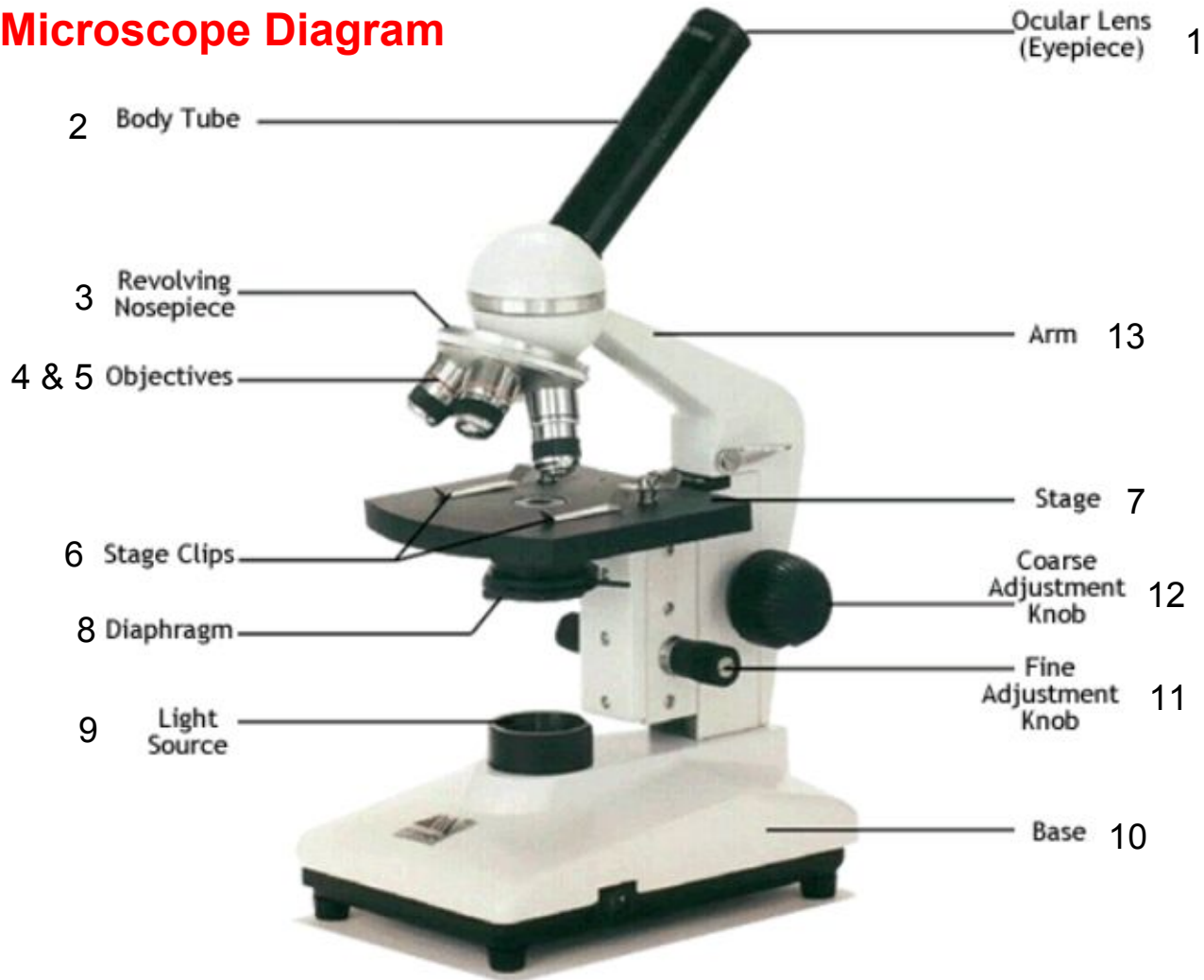


# Check your Microscope Diagram in Notability



# Virtual Microscopes

<http://www1.udel.edu/biology/ketcham/microscope/scope.html>

## You are Looking through the microscope

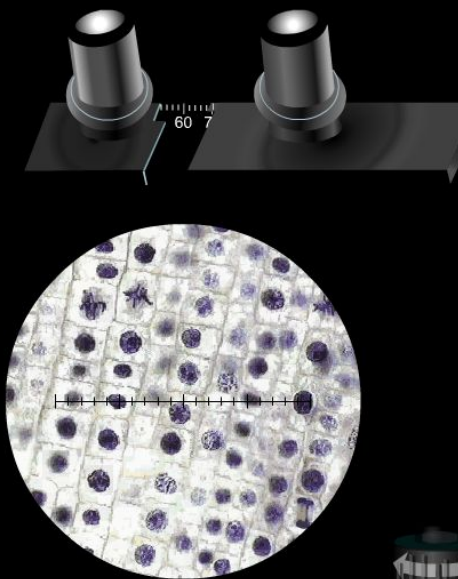
switch views

At view checklist X

- light on
- rheostat at 10
- slide chosen
- scanning (4X) lens in place
- specimen centered (open iris temporarily to do this)
- start stage at top position

Through view checklist

- adjust oculars
- coarse focus
- adjust iris diaphragm
- fine focus
- center image



## You are Looking at the microscope

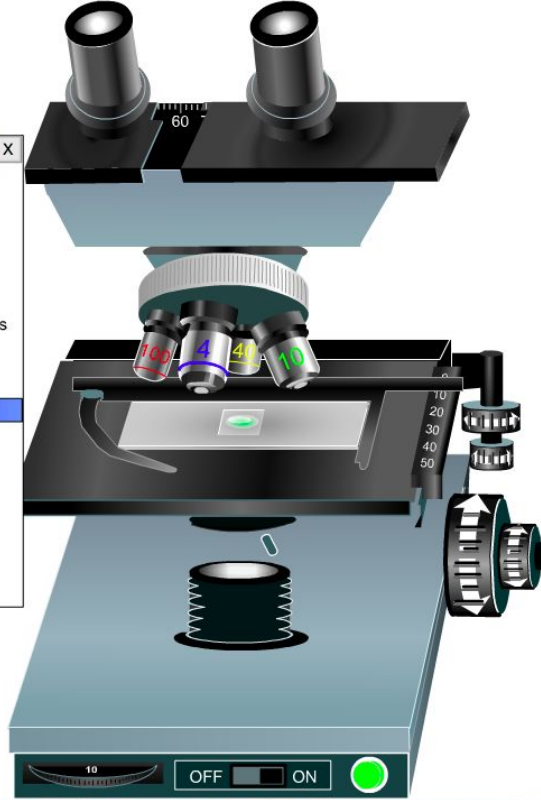
switch views

At view checklist X

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- rheostat at 10
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- scanning (4X) lens in place
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Through view checklist

- adjust oculars
- coarse focus
- adjust iris diaphragm
- fine focus
- center image



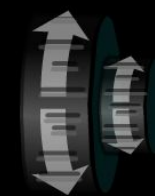
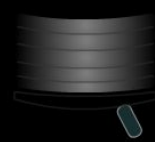
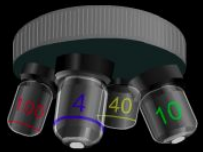
Getting Started X

How to...

- control lighting
- pick a slide
- switch objectives
- reposition slide holder
- adjust focus

more...

volume:  CC

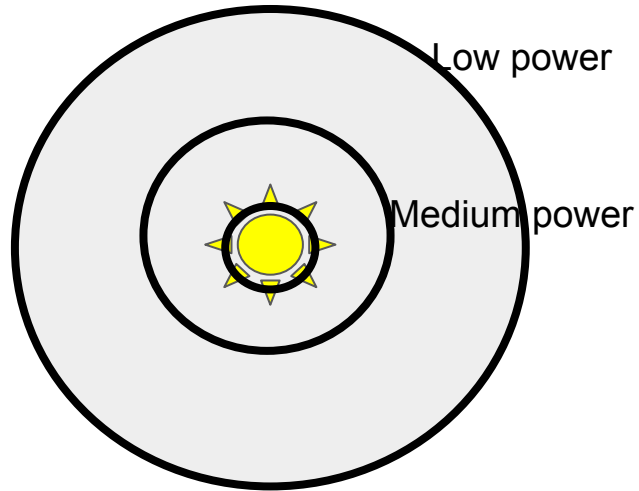


# Microscope safety

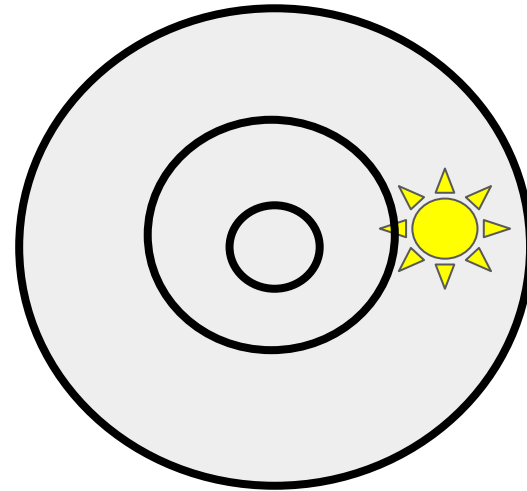
1. Only carry 1 microscope at a time
2. Carry with 2 hands - one on the arm and one on the base
3. Keep microscope at least 10 cm from edge of table
4. Only use lense paper to clean lens
5. ALWAYS start with Low power
6. ONLY use fine adjustment on High Power
7. NEVER use microscopes without teacher permission!!

# Field of View:

*Make sure to center your object on Low power so it is in the center on High power (paper telescope activity)*



Do this



Not this

# Microscope Use Steps

1. Belly to arm

2. Start with Low Power (shortest objective lens)

3. Start with the stage all the way UP

4. Use the Coarse Adjustment Knob to focus

5. Make sure object is centered on pointer

6. Rotate revolving nosepiece to Medium power

7. Use Coarse Adjustment knob to focus

8. Rotate revolving nosepiece to High power

9. Use Fine Adjustment knob **ONLY** to focus (any lens over 20X)

Start the worksheet while  
teacher comes around to talk  
you through actually using a  
microscope for  
Part 5