

Biology Microscope Worksheet 11-8-05

Log on to the following website:

<http://science.howstuffworks.com/light-microscope5.htm>

Answer the following questions about the function of each part of the light microscope:

1. Give the function of the following parts of the microscope:

- Stage
- Clips
- Lamp
- Rheostat
- Condenser
- Diaphragm
- Objective lens
- Eyepiece
- Nosepiece
- Tube
- Coarse focus knob
- Fine focus knob
- Arm
- Base

2. Explain what is meant by the following:

- depth of field
- field of view
- focal length
- focal point
- magnification
- numerical aperture
- resolution

<http://www.udel.edu/Biology/ketcham/microscope/#1>

**go to the website above.....click on the virtual scope

**work with the virtual microscope until you can see each of the 4 prepared slides and do all the things on the checklist. (this will make sense when you get there!!)