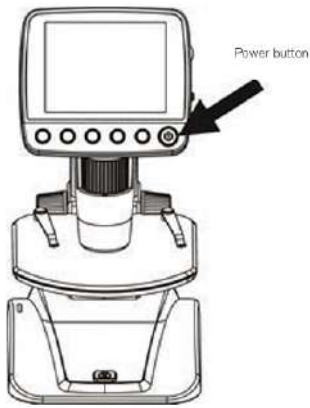


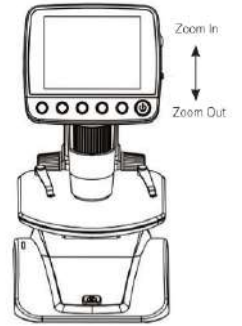
Mirrors and Lenses Labs



C. Rotate the Stage Height Adjustment Wheel (7) to bring your specimen closer to the Microscope Tube (4).

DIGITAL ZOOM:

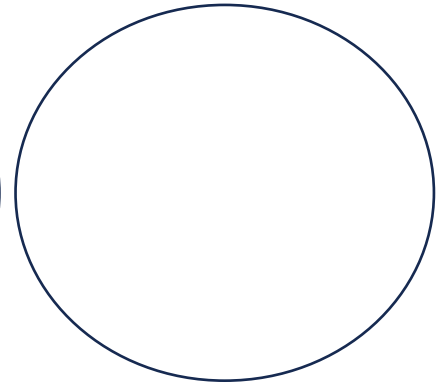
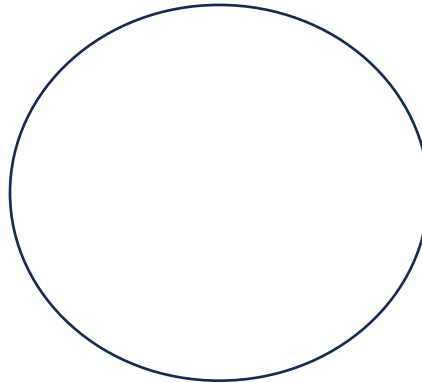
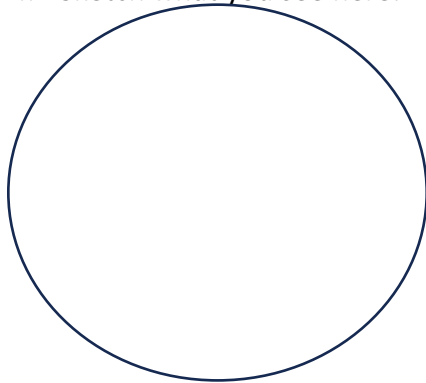
- + Press the Zoom Button up to zoom in, and down to zoom out.
- + The Zoom has a range from 1.0x to 4.0x



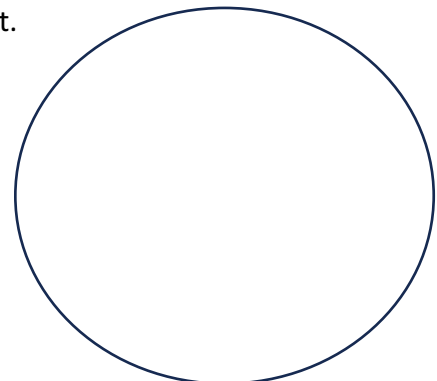
D. Rotate the Focus Wheel (3) to get a fine focus on the object.

Microscope:

1. Retrieve from outside a leaf, flower, something you choose.
2. Put the object under the microscope.
3. Turn on the microscope and adjust the focus to clearly see it.
4. Sketch what you see here:



5. Retrieve from outside a petri dish with dirty water (we want to see things swimming).
6. Put the object under the microscope.
7. Turn on the microscope and adjust the focus to clearly see it.
8. Sketch what you see here:

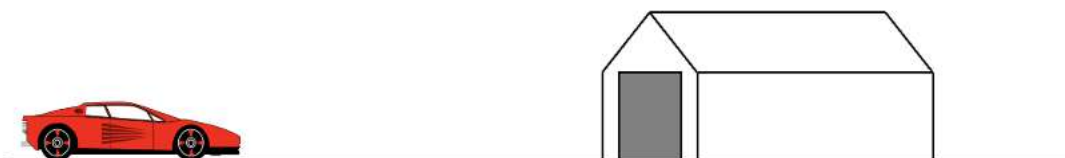
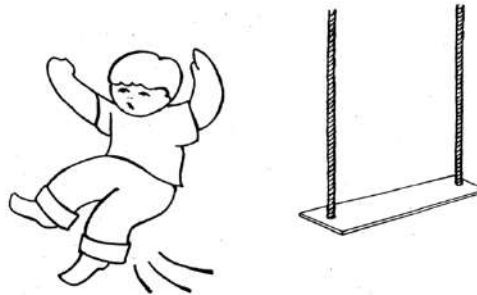
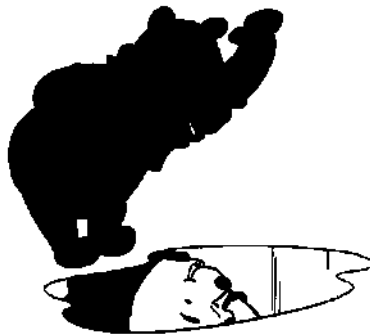


Reflecta Mirrors (Red plastic that allows you to see an image):

1. Put the red reflecta mirror on this paper, next to the drawings.
2. Look through the mirror and see the image being "reflected".
3. Attempt to draw what you see on the other side by tracing.



Write your Name



Magnifying Glass:

Find an object like a leaf or stick. Use the magnifying glass to focus the sun light onto one tiny point on the object. Record what happens.

**Solar Burner**

Find a dead leaf and focus sunlight on it using the solar burner. Record what happens.

**Concave Mirrors (Emergency Mirror):**

1. Find a dead leaf and place it on the metal protruding from the concave mirror.
2. Aim the mirror towards the sun.
3. Attempt to get the sunlight to focus on the leaf. Move the leaf as needed.
4. Record what happens after at least 1 full minute of sunlight shining on the leaf.
5. Try various other objects on the concave mirror.
6. **Record what happens:**

