

**USING THE MICROSCOPE**

- Carry the microscope with one hand on the arm, & the other on the base.
- Place the microscope gently on the table. Plug the microscope in, and turn on the power
- Rotate the nosepiece to the lowest power. Lower the stage.
- Place the prepared slide on the stage, under the stage clips.
- While looking from the side, raise the stage as close as possible to the objective lens, without touching it.
- While looking through the eyepiece, lower the stage using the coarse adjustment knob until the image comes into view.
- Use the fine focus knob to obtain the best image.
- If you need to use a higher objective lens, watch from the side as you rotate the nosepiece to ensure the lens does not touch the slide.

**STORING THE MICROSCOPE**

- Turn the objective lens to lowest power, lower the stage, & remove the slide.
- Turn off the light, unplug the cord, & wrap the cord neatly around the microscope.
- Use two hands to carry the microscope back to the storage area.
- Place the protective bag over the microscope before you store it away.

**PREPARING A WET MOUNT & STAINING A SAMPLE**

- Refer to P.544 of your text

<b>SCIENTIFIC DRAWING CHECKLIST</b> (Use ✓ or ✗ to indicate whether each is done correctly or not.)	
<b>ARTIST'S NAME:</b>	
<b>MARKER'S NAME:</b>	
① ②  Drawing (① = plant, ② = animal)	
<input type="checkbox"/>	<input type="checkbox"/> Drawing done on blank paper.
<input type="checkbox"/>	<input type="checkbox"/> Drawing done with sharp pencil.
<input type="checkbox"/>	<input type="checkbox"/> Firm clear lines (no sketching).
<input type="checkbox"/>	<input type="checkbox"/> No shading/colour used (stipples allowed).
<input type="checkbox"/>	<input type="checkbox"/> Only relevant & easily seen details are included.
<input type="checkbox"/>	<input type="checkbox"/> Large drawing ( $\frac{1}{2}$ the page).
<input type="checkbox"/>	<input type="checkbox"/> Labels are neatly printed.
<input type="checkbox"/>	<input type="checkbox"/> Labels all located to the right of the drawing.
<input type="checkbox"/>	<input type="checkbox"/> Labels listed in an even column.
<input type="checkbox"/>	<input type="checkbox"/> Label lines are parallel & done with a ruler.
<input type="checkbox"/>	<input type="checkbox"/> Label lines do not cross.
<input type="checkbox"/>	<input type="checkbox"/> Name & date located in top right corner.
<input type="checkbox"/>	<input type="checkbox"/> Appropriate title located at the top.
<input type="checkbox"/>	<input type="checkbox"/> Title underlined.
<input type="checkbox"/>	<input type="checkbox"/> Total magnification located in bottom right corner.
Quality of drawing ①:	<b>0 + 1 + 2 + 3 + 4 + 5</b>
Quality of drawing ②:	<b>0 + 1 + 2 + 3 + 4 + 5</b>
<b>TOTAL</b>	
/40	
Comment	
<hr/> <hr/> <hr/>	

## SINGLE DRAWING CHECKLISTS

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MARKER'S NAME:	
<input type="checkbox"/> Drawing done on blank paper. <input type="checkbox"/> Drawing done with sharp pencil. <input type="checkbox"/> Firm clear lines (no sketching). <input type="checkbox"/> No shading/colour used (stipples allowed). <input type="checkbox"/> Only relevant & easily seen details are included. <input type="checkbox"/> Large drawing ( $\frac{1}{2}$ the page). <input type="checkbox"/> Labels are neatly printed. <input type="checkbox"/> Labels all located to the right of the drawing. <input type="checkbox"/> Labels listed in an even column. <input type="checkbox"/> Label lines are parallel & done with a ruler. <input type="checkbox"/> Label lines do not cross. <input type="checkbox"/> Name & date located in top right corner. <input type="checkbox"/> Appropriate title located at the top. <input type="checkbox"/> Title underlined. <input type="checkbox"/> Total magnification located in bottom right corner.	
Quality of drawing:	<b>0 + 1 + 2 + 3 + 4 + 5</b>
<b>TOTAL</b>	/20
Comment <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/>	

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Quality of drawing:	<b>0 + 1 + 2 + 3 + 4 + 5</b>
<b>TOTAL</b>	/20
Comment <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/>	