

**Goal** • Assess your scientific drawings so that you can develop ways to improve them.

## What to Do

- Study each of the expectations listed in the first column, and decide which level matches your scientific drawings. Circle your level in ink for each expectation.
- On the back of this page list your plans for improving your scientific drawings.

## Performance Indicators

- At Level 1, my work needs to improve a lot.
- At Level 2, my work meets the minimum standard.
- At Level 3, my work is satisfactory.
- At Level 4, my work is excellent.

Performance Criteria	Level 1	Level 2	Level 3	Level 4
<b>Equipment</b> <ul style="list-style-type: none"> <li>• brings pencil, eraser, ruler to class</li> </ul>	I often forget to bring equipment.	I sometimes bring equipment.	I usually bring equipment.	I always bring equipment.
<b>Page Layout</b> <ul style="list-style-type: none"> <li>• drawing large enough to be clear</li> <li>• figure on left</li> <li>• labels on right.</li> <li>• name and date in top left corner</li> <li>• description printed neatly below drawing</li> </ul>	One of the following: <ul style="list-style-type: none"> <li>– My drawings are too small or too large.</li> <li>– I do not set up my page as required.</li> <li>– My drawings are not always accurate.</li> </ul>	My page is set up okay, but the labels are not all on the right side and are not as neat as they could be.	My page layout follows requirements, but my printing could be more consistent.	My page is laid out as required and provides an attractive presentation.
<b>Drawing</b> <ul style="list-style-type: none"> <li>• is made with firm, clear, continuous lines</li> <li>• shows dark areas with stippling</li> </ul>	I sketch and shade rather than draw.	I draw only what I can observe with my eye or under the microscope. I combine sketching and shading with drawing.	I use clear, continuous lines to draw what I observe, but sometimes shade rather than stipple.	I use consistent, continuous lines to draw what I observe, and I stipple dark areas.
<b>Labels</b> <ul style="list-style-type: none"> <li>• are neatly printed in pencil</li> <li>• aligned to right of drawing—include straight lines from labels to relevant parts</li> </ul>	One of the following <ul style="list-style-type: none"> <li>– My labels are in ink or all over the page.</li> <li>– My lines are hand drawn.</li> </ul>	I label on the right but do not use a ruler for lines. My printing is not neat or consistent.	I label in one column on the right, with ruled lines. My printing could be more consistent.	My labels are in one aligned column on the right, with straight lines from the figure. My printing is consistent.

