

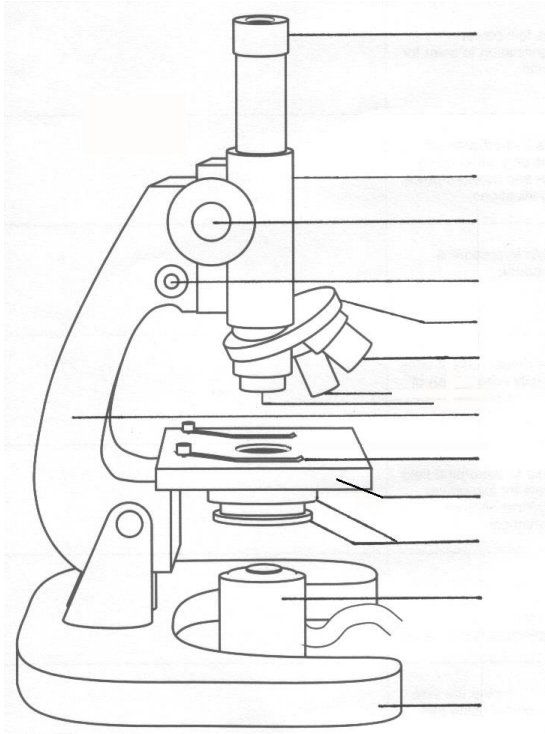
The Compound Light Microscope

TASK

**** ALWAYS USE TWO HANDS TO CARRY A MICROSCOPE****

Refer to page 605 in your text to:

1. Name each of the structures described in the table to the right.
2. Match each structure to the letter in the diagram below.



Letter	Structure	Function
		<ul style="list-style-type: none"> ▪ joins body tube to base
		<ul style="list-style-type: none"> ▪ supports the entire microscope
		<ul style="list-style-type: none"> ▪ contains the ocular lens ▪ supports objective lenses
		<ul style="list-style-type: none"> ▪ moves body tube up and down to focus object ▪ used with only with low-power objective lens
		<ul style="list-style-type: none"> ▪ controls the amount of light reaching the object
		<ul style="list-style-type: none"> ▪ used to look through to see object ▪ magnifies image, usually by 10X
		<ul style="list-style-type: none"> ▪ moves tube to get object into sharp focus ▪ used only with medium and high-power
		<ul style="list-style-type: none"> ▪ used to illuminate object being viewed
		<ul style="list-style-type: none"> ▪ magnify the object ▪ three possible magnifications: low power (4X), medium power (10X), high power (100X)
		<ul style="list-style-type: none"> ▪ rotates the objective lens to be changed
		<ul style="list-style-type: none"> ▪ holds the slide in position on stage
		<ul style="list-style-type: none"> ▪ supports the microscope slide

Single Drawing Checklists

Scientific Drawing Checklist <small>(Use ✓ or X to indicate whether each is done correctly or not)</small>	
Artist's name:	
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 <input type="checkbox"/> only relevant and easy to see details included <input type="checkbox"/> large circle drawn to contain drawing <input type="checkbox"/> labels are neatly printed <input type="checkbox"/> labels located on right side of drawing <input type="checkbox"/> labels listed in an even column <input type="checkbox"/> label lines are parallel and drawn with a ruler <input type="checkbox"/> label lines do not cross <input type="checkbox"/> name and date in top right corner <input type="checkbox"/> appropriate (specific) title located at top <input type="checkbox"/> title underlined <input type="checkbox"/> total magnification indicated in bottom right corner QUALITY OF DRAWING + 1 + 2 + 3 + 4 + 5	
TOTAL	/20
Comments:	

Scientific Drawing Checklist <small>(Use ✓ or X to indicate whether each is done corectly or not)</small>	
Artist's name:	
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 <input type="checkbox"/> only relevant and easy to see details included <input type="checkbox"/> large circle drawn to contain drawing <input type="checkbox"/> labels are neatly printed <input type="checkbox"/> labels located on right side of drawing <input type="checkbox"/> labels listed in an even column <input type="checkbox"/> label lines are parallel and drawn with a ruler <input type="checkbox"/> label lines do not cross <input type="checkbox"/> name and date in top right corner <input type="checkbox"/> appropriate (specific) title located at top <input type="checkbox"/> title underlined <input type="checkbox"/> total magnification indicated in bottom right corner QUALITY OF DRAWING + 1 + 2 + 3 + 4 + 5	
TOTAL	/20
Comments:	