

Microscope Parts and their Functions

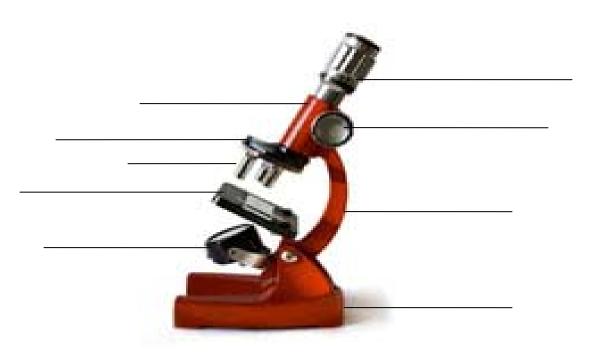
Skills and Strategies Applied:

- Following directions
- Cueing Techniques (word bank)
- Graphic Organizers to formulate language (paragraph template, diagram)

Procedure:

- 1. Using the **Word Bank** below, identify and label the various parts of a microscope on the diagram.
- 2. In the Word Bank, **check** the box next to each part of the microscope after you have labeled it on the diagram.
- 3. After you have completed labeling the diagram, complete the **matching exercise**. Use the diagram as a guide to help you match the parts of the microscope with their function.
 - a. **Write** the letter of the function on the line next to the corresponding microscope part.
- 4. Use the microscope diagram and the matching exercise to write a **sequential paragraph** about the steps involved in using a microscope.
 - a. the following parts of the microscope must be used in your sequential paragraph:
 - eyepiece lens
 - revolving nosepiece
 - stage and stage clips
 - objective lens
 - course focus





□ Arm
☐ Revolving Nosepiece
☐ Eyepiece Lens
□ Base
☐ Stage with Stage Clips

Word Bank

- ☐ Illuminator ☐ Objective Lenses
- □ Tube
- ☐ Course Focus

Matching Exercise

Write the letter of the function on the line next to the corresponding microscope part.

1. Stage with Stage Clips	a. the lens at the top that you look through
2. Course Focus	b. connects the eyepiece with the objective lens
3. Illuminator	c. the bottom of the microscope used for support
4. Objective Lenses	d. supports the tube and connects it to the base
5. Tube	e. magnifies the object on the slide usually 4X, 10X, 40X
6. Eyepiece lens	f. rotating part that holds two or more objective lenses
7. Revolving Nosepiece	g. platform and devices that hold the slide in place
8. Arm	h. the light source
9. Base	i. brings object on slide into clear view

Sequential Paragraph

Fill in the template below to help you create a sequential paragraph about the steps involved in using a microscope. Remember, you must use the following parts of the microscope in your paragraph; *eyepiece lens, revolving nosepiece, stage and stage clips, objective lens, and course focus.*

Question:	What are the steps involved in the process of using a microscope?
Topic Senter	nce:
-	(Turn the question into a statement to create your topic sentence.)
Details:	
First Step: 1	First,
Second Ste	p: Then,
Third Step:	Next,
Fourth Step	o: After that,
Fifth Step:	Finally,
•	
Clincher se	ntence: