Parts of a Microscope

Identify the labeled parts of the microscope below. Refer to page 499 in BC Science 8 if you need help.



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|  | **WORD** | **DEFINITION** |
| **A** |  |  |
| **B** |  |  |
| **C** |  |  |
| **D** |  |  |
| **E** |  |  |
| **F** |  |  |
| **G** |  |  |
| **H** |  |  |
| **I** |  |  |
| **J** |  |  |
| **K** |  |  |

ANSWER KEY

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| Microscope part | Function |
| Eyepiece | The part you look through. It has a lens that magnifies the object, usually by 10×. |
| Tube | Holds the eyepiece and the objective lenses at the proper working distance from each other. |
| Revolving nosepiece | Rotating disk that holds two or more objective lenses. Turn it to change lenses. Each lens clicks into place. |
| Objective lenses | Magnify the object. Different lenses provide different levels of magnification. |
| Fine focus knob | Use with medium- and high-power magnification to bring the object into sharper focus. |
| Coarse focus knob | Moves the tube or stage up or down to bring the object into focus. Use it only with the low-power objective lens. |
| Stage | Supports the microscope slide. Clips hold the slide in position. A hole in the centre of the stage allows the light from the light source to pass through the slide. |
| Base | Directs light to the object being viewed. |
| Light source | Lights the object being viewed. |