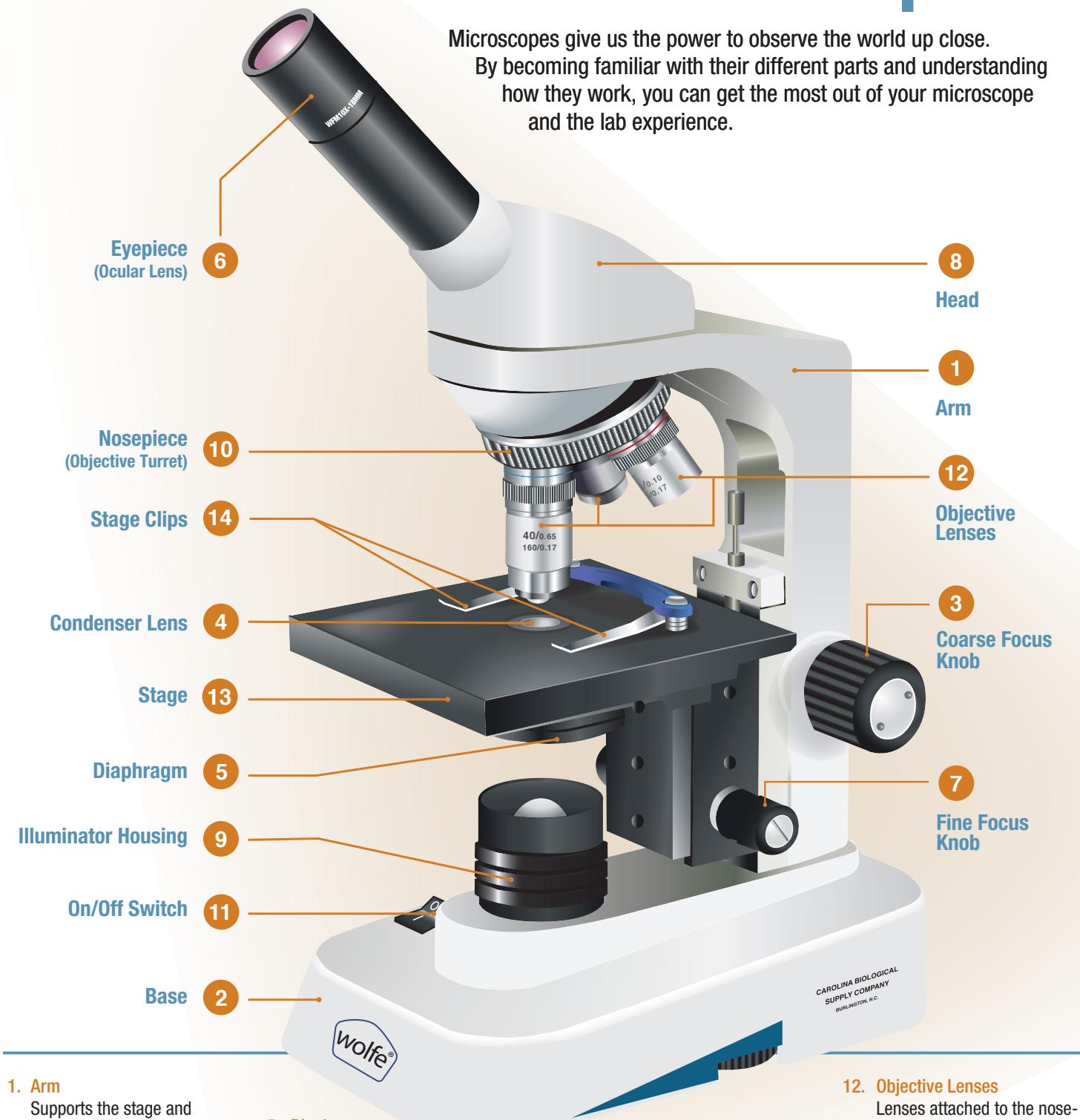


Get to Know Your Microscope

Microscopes give us the power to observe the world up close. By becoming familiar with their different parts and understanding how they work, you can get the most out of your microscope and the lab experience.



1. Arm
Supports the stage and contains the focus adjustment knobs.

2. Base
Platform that supports the instrument.

3. Coarse Focus Knob
Used to bring a specimen into general focus.

4. Condenser Lens
A lens or lens system that focuses light on a specimen.

5. Diaphragm
Controls the amount of light focused on a specimen.

6. Eyepiece (Ocular Lens)
The lens you look through, often with 10x magnification.

7. Fine Focus Knob
Used for precise focus adjustments.

8. Head
Contains the eyepiece and the refracting prisms that redirect light from the specimen through the eyepiece.

9. Illuminator Housing
Location of the light source.

10. Nosepiece (Objective Turret)
Holds the objective lens and rotates to change the magnification used for viewing.

11. On/Off Switch
Turns light source on and off.

12. Objective Lenses
Lenses attached to the nosepiece that, with the ocular lens, magnify a specimen.

13. Stage
Surface for viewing a slide.

14. Stage Clips
Flexible clips that hold a slide in place.

Name the Parts of Your Microscope

