



Activity Kit

Microscope Activity Kit

Materials

This kit contains:

Microscope

- 5X eyepiece
- 4X objective lens

10X-18MM eyepiece in plastic case

10X objective lens in plastic case

2 - 5-slide plastic cases

10 microscope slides

- 2 plastic well slides
- 2 plastic flat slides
- Animals Slide (goldfish scale, hare hair, camel hair, feather)
- Plants Slide (pine wood, camellia leaf section, bamboo shoot, sponge, gourd)
- Insects Slide (butterfly leg, butterfly wing, locust wing, honey bee leg)
- Textile Fibers Slide (hemp, silk, cotton fiber, Bemberg - rayon)
- Tiny Creatures (plant louse, fruit fly, shrimp egg, silk worm larva)
- Pollen & Spore (lily pollen, sunflower pollen, bottle brush spore, fern spore)



10X objective lens

10X-18MM eyepiece

The Ultimate Guide to Your Microscope by Shar Levine and Leslie Johnstone

Instruction Sheets

Lens Paper

Book List

Recommended for grades 3 and up.



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Activity Kit

Microscope Activity Kit, Purpose

What to know about this kit

This kit contains an excellent quality student microscope, allowing magnification of slides and objects up to 2 inches thick. The lowest magnification is 20x, the highest is 100x. This is adequate for basic microscope activities. If you plan to look at cell details or bacteria, you may need a higher power microscope.

The set comes complete with a general set of slides. These slides cover a variety of topics and the accompanying instruction sheets provide details that bring the information to life. In addition, there are flat slides, well slides, and cover slips for making your own slides.

The accompanying book list provides suggestions for further explorations, especially in making your own slides or looking at interesting microscopic images. If the list is missing, you can also find it on the web in the LEAP section of HCPL's Kidzone.

This kit is recommended for children in grades 3 and up.

