

For the Teacher

TAKE A CLOSER LOOK!

AN INTRODUCTION TO MICROSCOPES
for Young Scientists

BOOKS

Take a Closer Look! An Introduction to Microscopes for Young Scientists, Heron Books

Young Scientist Journal, Heron Books (or a notebook, or journal made by the student)

OTHER MATERIALS

- An elementary microscope with a built-in light, three objective lenses and a single adjustment knob (a fine adjustment knob is not necessary). It should have a barrel or stage stop which prevents screwing the objective lenses into the slide.
- magnifying glass
- talcum (baby) powder
- table salt
- sugar
- a tiny bug or parts of a bug (or a prepared slide of a bug)
- a drop of pond (or other dirty) water
- six blank microscope slides and cover slips

Prepared slides of:

- a squashed gnat or other tiny bug with wings
- a feather
- onion skin

Exam and Exam Answers

Certificate of Achievement

NOTES

Student Learning Guide Estimated Time: about 5 hours.



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