

Contact Information:
Jonathan Bartlett
The Blyth Institute
www.blythinstitute.org
microscopes@blythinstitute.org



Microscope Leasing Program

The Blyth Institute offers a discounted microscope leasing program for educators and researchers needing equipment. The Blyth Institute focuses on providing high quality new and used microscopes to classrooms, homeschooling co-ops, students, and independent researchers. The typical cost for a Microscope under this program is \$25-\$50 per year.

The goal of the program is to equip students in Oklahoma with the equipment they need to gain both interest and knowledge in science.

Recommended Classroom Setup

Every classroom is different, but our experience suggests the following setup:

- One microscope for every two students (a binocular microscope for older students, and a monocular microscope for younger students)
- One microscope for the teacher
- A USB camera for the teacher's microscope (computer required)
- A gram stain kit
- A set of microscope slides (if you are making your own slides)
- A gram stain kit (if you are making you own slides)
- A set of depression slides (depending on what work you will do with the microscope)
- Carrying cases if you have to transport the microscopes back and forth to the classroom

Training

The Blyth Institute provides free training on basic microscope usage to those leasing equipment from us. The Blyth Institute may be available for doing in-class demonstrations based on availability.



About the Microscopes

The Blyth Institute sources quality used microscopes to make them readily available for anyone interested in the sciences. All microscopes (except stereo microscopes) include 40x-400x magnification, some going to 1000x magnification (please mention if you specifically need 1000x magnification). All microscopes include a mechanical stage, which makes positioning and moving the specimen easier.

Below is our basic schedule of prices for microscope leasing (for low-income areas or special situations, prices can be reduced or waived):

Microscope Class	Features	Use	Price
Monocular Microscope	Single eyepiece	This is easier to use in a shared setting.	\$20 / year
Binocular Microscope	Two eyepieces, one of which can be replaced with an add-on camera	The two eyepieces allow for easier viewing for an individual, and also allow for dual camera and direct viewing.	\$35 / year
Precision Microscope	Binocular microscopes with enhanced optics.	These are meant to be used for microphotography.	\$50 / year
Stereo / Dissecting Microscope	Zooms vary (10x-50x).	Stereo microscopes are low-zoom microscopes, but do not require prepared slides. Instead specimens are placed directly on the stage. These also have a much more 3D feel to them.	\$15 / year
USB Camera	Eyepiece USB Camera	Replaces eyepiece and sends image to a computer, either for saving or for display on a monitor for the class.	\$15 / year
Carrying Case		Makes transporting microscope easier	\$5 / year

Consumable Equipment

Microscope Slides and Cover Slips (72)	\$10
Gram Stain Kit	\$30
Depression Slides and Cover Slips (50)	\$30
Lens Cleaning Solution	\$12
Immersion Oil	\$10
Package of Lens Tissues	\$7

Damage Charges

No additional charges are made for microscopes suffering from normal wear and tear, including if they become inoperable without misuse or direct damage. Damage to an objective lens will be charged \$20; damage to an eyepiece will be charged \$15; A totally inoperable microscope will be charged \$200. Exceptions - an inoperable stereo microscope will be charged \$100, and an inoperable precision microscope will be charged \$300. Damage to a camera will be charged \$50.