

# MICROSCOPE CHART – GRADES K-8

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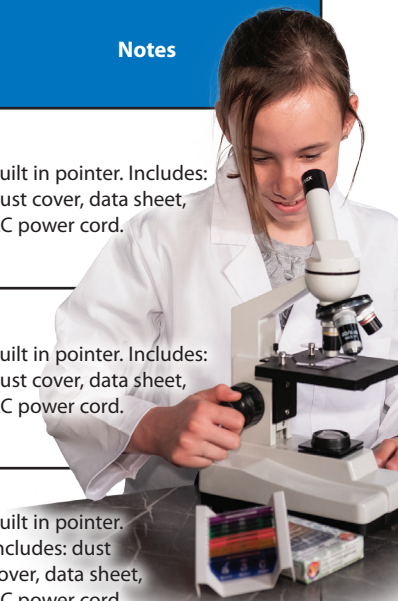
MICROSCOPE (Item #)	Magnification			Illumination		Focus		Stage/ Clips	Construction		Warranty	Notes
	Eyeiece	Objectives	Max	Condensor	Diaphragm	Light Source	Coarse/Fine		Alloy	Alloy/ Plastic		
<b>Geosafari Jr. Talking Microscope (#067688)</b>	Binocular		5x	NA	NA	Backlight	Focus Free	Notched to fit included slides. Stage is not universal		Plastic only	Limited 1 year	Ages 4-6. Included "slides" are photos of actual microscopic items. Multilanguage talk option (English, Spanish, French, German). Requires 3 AAA batteries (not included).
<b>Geosafari Stereoscope (#070131)</b>	Binocular	10x & 20x eyepieces	20x	NA	NA	Top light LED	Coarse	Fixed plastic with clips		•		Includes 12 Rock Samples. Requires 2 AA batteries (not included).
<b>Smithsonian Microscope Kit (#024133)</b>	Narrow field		900x	NA	NA	Light focused directly on the slide	Coarse	Fixed plastic with clips		Plastic only	Limited 1 year	150x, 450x, 900x magnification. Includes slides, slide covers and supplies for activities. Requires 2 AA batteries (not included).
<b>My First Lab World of WOW Scope (#000977)</b>	Binocular. Interchangeable 10x, 25x		50x	NA	NA	Dual LED (top and bottom)	Coarse	Fixed metal w/clips		•	Limited 1 year	Includes experiment guide and prepared slides. Requires 2 AA batteries (not included).
<b>My First Lab Duo-Scope (#042050)</b>	10X	4x, 10x, 40x	400x	NA	6-Disc	Dual LED (top and bottom)	Coarse	3"x 3" fixed plastic with clips		•	Limited 1 year	Includes blank and prepared slides, concave slide, cover glass, instruction guide and accessories for activities. Requires 3 AA batteries (not included).
<b>My First Lab Mega Duo-Scope (#013247)</b>	10X	4x, 10x, 40x	400x	NA	6-Disc	Dual LED (top and bottom)	Coarse	3"x 3" fixed plastic with clips		•	Limited 1 year	Everything in item #042050 PLUS cloth dust cover, bug specimens, a 20x handheld magnifier with LED & Black Light and the <i>Analyze This!</i> book. Requires 3 AA batteries (not included).
<b>My First Lab Duo-Scope Starter Kit (#033116)</b>	10X	4x, 10x, 40x	400x	NA	NA	Dual LED (top and bottom)	Coarse	3"x 3" fixed plastic with clips		Plastic only	Limited 1 year	Supplies in Item #042050 PLUS specimen vials, yeast, brine shrimp egg, blank slides/labels & covers, hatchery, experiment guide and accessories for activities. Microscope offers larger coarse button, great for little hands. Requires 3 AA batteries (included).
<b>Biological Table-Top Microscope (#026029)</b>	10X	4x, 10x, 40x	400x	.65 fixed condenser	6-Disc	Dual LED (top and bottom)	Coarse	Fixed metal w/Clips	•		Limited 1 year	Includes: AC power adaptor (110-240 volt); filter wheel with 5 filter colors & 1 clear hole for enhanced contrast.
<b>National Geographic Zoom Microscope (#066497)</b>	Zoom Eyepiece: 10x-16x	4x, 10x, 40x	640x	NA	NA	LED	Coarse	Fixed metal w/Clips		•	Limited 1 year	Also includes: smartphone adapter, prepared slides, blank slides, covers, labels, slide case, tweezers/pipette, accessories. Requires 2 AA batteries (included).
<b>National Optical Inclined Compound Microscope Model 109-LED (#019062)</b>	10x Widefield	4x, 10x, 40x	400x	Abbe .65 Fixed	Disc-6 Apertures	LED	•	Spring mounted stage clips	•		5 year Limited	Built In pointer, rechargeable battery and charger included. Achromatic, optical glass objective. Monocular head: inclined 45° w/ 360 rotation. Dust cover.

# MICROSCOPE CHART – GRADES 6-12

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MICROSCOPE (Item #)	Magnification			Monocular Head		Illumination			Focus Coarse/ Fine	Stage/ Clips	Construction		Warranty	Notes
	Eyepiece	Objectives	Max	Inclined 45° Head	360 Rotation	Condensor	Diaphragm	Light Source			Alloy	Plastic		
<b>Apologia Biology Lab Materials w/ Microscope 40030 (#008777)</b>	10x Widefield	4x, 10x, 40x	400x	•	•	Abbe .65 Fixed	Disc-5 Apertures	LED	•	Stage moves up & down. Spring mounted clips. Slip clutch.	•		Limited Lifetime	Built in pointer. Includes: dust cover, data sheet, AC power cord.
<b>National Optical Advanced Compound Microscope Model 131 CLED (#019029)</b>	10x Widefield	4x, 10x, 40x	400x	•	•	Abbe .65 Fixed	Disc-5 Apertures	LED	•	Stage moves up & down. Spring mounted clips. Slip clutch.	•		Limited Lifetime	Built in pointer. Includes: dust cover, data sheet, AC power cord.
<b>Walter Microscope Model 3000F-LED (shown at right) (#010034)</b>	10x Widefield	4x, 10x, 40x	400x	•	•	Abbe .65 Fixed	Disc-5 Apertures	LED	•	Plain stage (fixed); stage clips	•		5 year Limited	Built in pointer. Includes: dust cover, data sheet, AC power cord.
<b>Walter Microscope Model 3000F-LED RC (#044840)</b>	10x Widefield	4x, 10x, 40x	400x	•	•	Abbe .65 Fixed	Disc-5 Apertures	LED Cordless (Rechargeable)	•	Plain stage (fixed); stage clips	•		5 year Limited	Same as item #010034 except LED cordless (rechargeable) illumination. AC adapter.
<b>Walter Microscope Model 3000F-100 (#010035)</b>	10x Widefield	4x, 10x, 40x, 100x	1000x	•	•	Abbe 1.25 Moveable	Iris	LED	•	Mechanical stage w/ stage clips	•		5 year Limited	Immersion oil, color discs, dust cover, data sheet.
<b>Walter Microscope Model 3000F-RC (#044839)</b>	10x Widefield	4x, 10x, 40x, 100x	1000x	•	•	Abbe 1.25 Moveable	Iris	LED Cordless (Rechargeable)	•	Mechanical stage w/ stage clips	•		5 year Limited	Same as item #010035 except LED cordless (rechargeable) illumination. AC adapter.
<b>Advanced Student Microscope (#074612)</b>	10x Widefield	4x, 10x, 40x	400x	•	•	Abbe 0.65	Iris	LED	•	Mechanical Stage w/ Stage Clips		•	90 Days	Cordless (3 AAA batteries) or Coded option. Larger focus buttons. Includes dust cover.

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	Eyeiece	Objectives	Max	Inclined 45° Head	360 Rotation	Condensor	Diaphragm	Light Source			Alloy	Plastic		
<b>Home Science Tools Home LED Microscope</b> (#082503)	10x Widefield	4x, 10x, 40x	400x	•	•	Fixed 0.65	5-hole disc	LED	•	Fixed with Stage Clips	•		Limited Lifetime	Includes Dust cover and a spare light bulb.
<b>Home Science Tools Microscopic Discovery Kit</b> (#082515)	10x Widefield	4x, 10x, 40x	400x	•	•	Fixed 0.65	5-hole disc	LED	•	Fixed with Stage Clips	•		Limited Lifetime	Kit includes the HST Home LED Microscope (item #082503) plus plain glass slides, concave glass slides, slide coverslips, Methylene Blue Stain, Eosin Y Stain, prepared slides, scalpel, sterile lancets, Nutrient Agar, plastic petri dishes, and more; plus resources for several activities.
<b>Home Science Tools Home Advanced LED Microscope</b> (#082506)	10x Widefield	4x, 10x, 40x	400x	•	•	Abbe 1.25 Adjustable	Adjustable Iris	LED	•	Mechanical Stage w/ Stage Clips	•		Limited Lifetime	Includes Dust cover, and spare LED light bulb.
<b>Home Science Tools Home 1000x LED Microscope</b> (#082499)	10x Widefield	4x, 10x, 40x, 100x	1000x	•	•	Abbe 1.25 Adjustable	Adjustable Iris	LED	•	Mechanical Stage w/ Stage Clips	•		Limited Lifetime	Includes Dust Cover, blue filter, immersion oil, and a spare LED light bulb.
<b>Home Science Tools Home Binocular LED Microscope</b> (#082501)	10x Widefield	4x, 10x, 40x, 100x	1000x	•	•	Abbe 1.25 Adjustable	Adjustable Iris	LED	•	Mechanical Stage w/ Stage Clips	•		Limited Lifetime	Perfect for teaching or digital photography-rotating dual head with two widefield 10x eyepieces (one eyepiece inclined 30° and the other eyepiece is vertical). Includes dust cover and a spare LED light bulb.
<b>Home Science Tools Dual-Head Microscope</b> (#082502)	10x Widefield	4x, 10x, 40x	400x		•	Abbe 1.25 Adjustable	Adjustable Iris	LED	•	Mechanical Stage w/ Stage Clips	•		Limited Lifetime	Same as item #010035 except LED cordless (rechargeable) illumination. AC adapter.
<b>Biological Table-Top Microscope (40x-400x)</b> (#026029)	10x Widefield	4x, 10x, 40x	400x	•	•	.65 Fixed	Disc-6 Apertures	Dual LED	Course	Fixed w/ clips	•		1- Year Limited	Includes: AC power adapter; filter wheel with 5 filter colors and one clear hole for enhanced contrast. 2 AA batteries (not included) if chose to use DC power.
<b>Biological Table Top Microscope (100x- 1000x)</b> (#026006)	10x Widefield	10x, 40x, 100x (100x requires Oil)	1000x	•	•	1.25 Abbe	Iris	LED	•	Mechanical w/ slide clips	•		1- Year Limited	Includes: Built in pointer, dust cover, extra fuse, blue filter disc, and AC power cord. Immersion oil is not included.