

# 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	Condenser	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 Monocular Cordless LED Microscope 205-RLED (#033432)</b>	10x Widefield	4x, 10x, 40x	400x	•	•	.65 Fixed	Disc	LED Cordless (Rechargeable)	•	Plain Stage with patented 1-touch stage clip enables easy change of slides.	•		5 year Limited	Includes Dust cover.
<b>National Optical Monocular Cordless LED Microscope Model 131-RLED (#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>National Optical Monocular Cordless LED Microscope C1028 (#019062)</b>	10x Widefield	4x, 10x, 40x	400x	•	•	.65 N.A.	Disc-5 Apertures	LED Cordless (Rechargeable)	•	Stage moves up & down. Spring mounted clips. Slip clutch.	•	•	3 Year Limited	Includes 110V-220V power supply with removable cord, dustcover and "L" hex wrench.
<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.



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	Eyepiece	Objectives	Max	Inclined 45° Head	360 Rotation	Condenser	Diaphragm	Light Source	Coarse/ Fine		Alloy	Plastic		
<b>Walter Microscope Model 3000F-RC</b> (#044839)	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</b> (#074612)	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.
<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 Home Advanced LED Microscope</b> (#082500)	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.