

Biology Slide Cross-Reference

This reference provides page numbers in the *Master's Class Biology* curriculum and optional *Biology through a Microscope* book for the corresponding lab exercise slides. Additional information about the content in *Biology through a Microscope* is noted on the right.

Lab 5

Slide	Biology Student Book Pages	Biology through a Microscope Pages	Biology through a Microscope Notes
Thread	54-55	6	Darkfield microscopy contrast
Marker	Physical practice only, not imaged		

Lab 6

Slide	Biology Student Book Pages	Biology through a Microscope Pages	Biology through a Microscope Notes
Cheek Cells	63	13	Comparison of stains, not cheek cells
<i>Spirogyra</i>	64	53	
<i>Paramecium</i>	64-65	84-85	
Bacteria	65	80-81	Scanning electron microscope images

Lab 8

Slide	Biology Student Book Pages	Biology through a Microscope Pages	Biology through a Microscope Notes
<i>Paramecium</i>	81, 83	84-85	
<i>Amoeba</i>	84	78-79	
Human Blood	85		
Frog Blood	85	19	Darkfield microscopy contrast

Labs 9, 14

Slide	Biology Student Book Pages	Biology through a Microscope Pages	Biology through a Microscope Notes
Onion Root Tip Mitosis	89, 91		
<i>Ascaris</i> (Mitosis)	93	28-29	Large cross sections of whole organism

Lab 17

Slide	Biology Student Book Pages	Biology through a Microscope Pages	Biology through a Microscope Notes
Muscle Types	175-176	10	Various magnifications
Motor Neurons	176	10	

Lab 18

Slide	Biology Student Book Pages	Biology through a Microscope Pages	Biology through a Microscope Notes
Fern Life Cycle	188	60-61	
Moss Life Cycle	188-189	70-71	

Lab 22

Slide	Biology Student Book Pages	Biology through a Microscope Pages	Biology through a Microscope Notes
<i>Ranunculus</i> root (c.s.)	231	56-57	
<i>Ranunculus</i> stem (c.s.)	232	57	
<i>Ficus</i> leaf (c.s.)	233	Cover	

Lab 23

Slide	Biology Student Book Pages	Biology through a Microscope Pages	Biology through a Microscope Notes
<i>Amoeba</i>	546	78-79	
Diatoms	245-246	6, 53	
<i>Euglena</i>	245, 247	82-83	Highlights pellicle
<i>Volvox</i>	245-247	53	
Yeast		62	
Mold		62-63	

Lab 24

Slide	Biology Student Book Pages	Biology through a Microscope Pages	Biology through a Microscope Notes
<i>Planaria</i>	260	16-17	
Earthworm (c.s.)	260		

Lab 25

Slide	Biology Student Book Pages	Biology through a Microscope Pages	Biology through a Microscope Notes
Frog ovary	279		
Frog sperm	280		
Human skin	280	11	