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LAB	TITLE	PAGE	TEXT CHAPTER REFERENCE	ESTIMATED TIME TO COMPLETE (hr)	*SPECIAL REQUIREMENTS
1	Metric Measurement and Microscopy	1	5	1.5–2.5	L, F
2	Chemical Composition of Cells	19	4	2.0	I, F
3	Cell Structure and Function	35	5, 6	2.0	L
4	Enzymes	53	7	2.0–2.5	I, F
5	Photosynthesis	61	8	2.0	L, F
6	Cellular Respiration	71	9	2.5	
7	Mitosis and Meiosis	79	10, 11	2.25	
8	Mendelian Genetics	97	12	2.25	L, C
9	Human Genetics	109	14	1.5	
10	Molecular Genetics	123	15, 16, 17, 18	2.5–3.0	I, L, F
11	Evidence of Evolution	137	19	2.0	
12	Mechanisms in Evolution	153	20	2.0	
13	Kingdom Prokaryotae and Kingdom Protocista	163	24, 25	1.75	I, L, C
14	Kingdom Fungi	179	26	1.25	I, L, F, C
15	Kingdom Plantae: Seedless Plants	191	27	1.5–2.0	L
16	Kingdom Plantae: Seed Plants	205	27	1.75	L, F
17	Kingdom Anamalia: Introduction to Invertebrates	219	28	2.5	L, F
18	Kingdom Anamalia: Protostomes	239	29	2.5	L
19	Kingdom Anamalia: Deuterostomes	263	30	3.0–3.25	
20	Organization of Flowering Plants	287	31	2.0	L
21	Water Absorption and Transport in Plants	303	32	2.75	I, L, F, D, C
22	Control of Plant Growth and Development	315	33	2.0	L, C
23	Reproduction in Plants	323	34	1.0	L, F, C
24	Animal Organization	335	35	2.0	
25	Basic Mammalian Anatomy I	351	36, 38, 39	2.5	
26	Basic Mammalian Anatomy II	369	40, 45	2.5	
27	Chemical Aspects of Digestion	385	38	2.5–3.0	I
28	Homeostasis	393	39, 40	1.5	
29	Nervous System	407	41, 42	2.25	L
30	Musculoskeletal System	423	43	2.25–2.5	L, F, D
31	Animal Development	439	46	2.0	F, C
32	Animal Behavior	459	47	3.0	L, F
33	Symbiotic Relationships	467	49	2.0	L, F
34	Sampling Ecosystems	481	51	3.0–6.0	T
35	Effects of Pollution	489	52	2.25	L, C

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*Special Requirements Key

I	Incubation
L	Living material—advanced order with timely delivery
F	Fresh material—local purchase as needed
C	Culture or growth (h) hours, (d) days, (w) weeks
D	Demonstration—by instructor
T	Trip to field site—prior planning required