

## Apologia Young Explorer: Botany 2nd Edition

\*\*Please note that some MP3-capable CD players have trouble reading all tracks on this CD. If your brand has issues, we recommend playing the last couple of Lessons on a computer or burning the MP3's to a new CD.

MP3 Audio CD	Textbook Section	MP3 Audio CD	Audiobook
Track	Lesson 0	Filename	Start Time
1	Introduction	00001.mp3	0:00:00
Track	Lesson 1	Filename	Start Time
2	Why Botany Matters?	01001.mp3	0:00:00
3	Welcome	01002.mp3	0:00:40
4	Creative Creator	01003.mp3	0:04:22
5	Nature Journaling (1/2)	01004.mp3	0:07:56
6	Activity 1.1	01005.mp3	0:09:18
7	Nature Journaling (2/2)	01006.mp3	0:09:28
8	Activity 1.2	01007.mp3	0:10:58
9	Using Your Nature Journal Like a Scientist	01008.mp3	0:11:08
10	Activity 1.3	01009.mp3	0:14:29
11	Science of Botany (1/2)	01010.mp3	0:14:39
12	Activity 1.4	01011.mp3	0:23:32
13	Science of Botany (2/2)	01012.mp3	0:23:42
14	Activities 1.5a, 1.5b, and 1.6	01013.mp3	0:24:49
15	To Seed or Not to Seed	01014.mp3	0:24:59
16	Seedless Plants	01015.mp3	0:26:19
17	What Do You Remember?	01016.mp3	0:27:25
18	Activities 1.7, 1.8, and 1.9	01017.mp3	0:28:07
Track	Lesson 2	Filename	Start Time
19	Seeds	02001.mp3	0:00:00
20	Sleeping Seeds	02002.mp3	0:00:38
21	Testae	02003.mp3	0:05:26
22	Activities 2.1 and 2.2	02004.mp3	0:08:36
23	Anatomy of a Seed	02005.mp3	0:08:46
24	Activity 2.3	02006.mp3	0:16:10
25	Germination	02007.mp3	0:16:20
26	What Do You Remember	02008.mp3	0:19:28
27	Activities 2.4 and 2.5	02009.mp3	0:20:42
Track	Lesson 3	Filename	Start Time
28	Angiosperms	03001.mp3	0:00:00
29	Flowering Plants	03002.mp3	0:01:04
30	Activities 3.1, 3.2, and 3.3	03003.mp3	0:08:04
31	Flower Families (1/2)	03004.mp3	0:08:16
32	Activity 3.4	03005.mp3	0:12:02

33	Flower Families (2/2)	03006.mp3	0:12:12
34	Think About This	03007.mp3	0:15:22
35	Activity 3.5	03008.mp3	0:20:04
36	Flesh Eating Flowers	03009.mp3	0:20:14
37	What Do You Remember?	03010.mp3	0:30:04
38	Activities 3.6 and 3.7	03011.mp3	0:31:02

Track	Lesson 4	Filename	Start Time
39	Pollination	04001.mp3	0:00:00
40	Pollination	04002.mp3	0:00:46
41	Think About This	04003.mp3	0:03:44
42	Bees	04004.mp3	0:05:20
43	Other Insects	04005.mp3	0:15:58
44	Activity 4.1	04006.mp3	0:17:04
45	Bird Pollinators	04007.mp3	0:17:14
46	Activity 4.2	04008.mp3	0:19:24
47	Mammal Pollinators	04009.mp3	0:19:35
48	Activity 4.3	04010.mp3	0:21:17
49	Wind Pollination	04011.mp3	0:21:27
50	Why Most Flowers Don't Self-Pollinate	04012.mp3	0:23:57
51	Self-Pollination	04013.mp3	0:26:33
52	The Pollinated Flower	04014.mp3	0:28:11
53	What Do You Remember?	04015.mp3	0:29:31
54	Activities 4.4, 4.5, and 4.6	04016.mp3	0:30:11

Track	Lesson 5	Filename	Start Time
55	Fruits	05001.mp3	0:00:00
56	A Flower's Fruit	05002.mp3	0:01:04
57	Fruits and Veggies	05003.mp3	0:02:28
58	Fruit Kinds (1/2)	05004.mp3	0:04:20
59	Activity 5.1	05005.mp3	0:05:58
60	Fruit Kinds (2/2)	05006.mp3	0:06:08
61	Activities 5.2, and 5.3	05007.mp3	0:08:02
62	Think About This	05008.mp3	0:08:12
63	Dry Fruits	05009.mp3	0:09:34
64	Activity 5.4	05010.mp3	0:12:46
65	Seed Scattering (1/2)	05011.mp3	0:12:56
66	Activity 5.5	05012.mp3	0:31:12
67	Seed Scattering (2/2)	05013.mp3	0:31:22
68	What Do You Remember?	05014.mp3	0:40:16
69	Activities 5.6 and 5.7	05015.mp3	0:40:52

Track	Lesson 6	Filename	Start Time
70	Leaves	06001.mp3	0:00:00
71	Leaf Mouths	06002.mp3	0:01:14
72	Making Food	06003.mp3	0:08:20
73	Photosynthesis	06004.mp3	0:11:10

74	Sunshine Energy	06005.mp3	0:11:56
75	Activity 6.1	06006.mp3	0:13:11
76	Color-Fill (1/2)	06007.mp3	0:13:21
77	Activity 6.2	06008.mp3	0:14:32
78	Color-Fill (2/2)	06009.mp3	0:14:42
79	Activity 6.3	06010.mp3	0:16:56
80	Transpiration	06011.mp3	0:17:06
81	Activity 6.4	06012.mp3	0:19:06
82	Falling Leaves	06013.mp3	0:19:20
83	Activity 6.5	06014.mp3	0:22:38
84	Anatomy of a Leaf	06015.mp3	0:22:48
85	Simple Leaves and Compound Leaves	06016.mp3	0:24:08
86	Leaf Arrangement	06017.mp3	0:25:23
87	Leaf Venation	06018.mp3	0:26:03
88	Leaf Shapes	06019.mp3	0:27:13
89	Leaf Margins	06020.mp3	0:31:25
90	What Do You Remember	06021.mp3	0:32:55
91	Activities 6.6, 6.7, and 6.8	06022.mp3	0:33:55

Track	Lesson 7	Filename	Start Time
92	Roots	07001.mp3	0:00:00
93	Good Soil	07002.mp3	0:02:12
94	Nutritious Soil	07003.mp3	0:04:08
95	Activity 7.1	07004.mp3	0:08:20
96	Root Hairs	07005.mp3	0:08:30
97	Root Growth	07006.mp3	0:10:14
98	Preventing Erosion	07007.mp3	0:13:38
99	Floating Roots	07008.mp3	0:14:48
100	Geotropism	07009.mp3	0:16:52
101	Activity 7.2	07010.mp3	0:18:22
102	Root Systems	07011.mp3	0:18:32
103	Geophytes	07012.mp3	0:19:52
104	Rooting	07013.mp3	0:22:58
105	What Do You Remember?	07014.mp3	0:26:22
106	Activities 7.3, 7.4, and 7.5	07015.mp3	0:27:02

Track	Lesson 8	Filename	Start Time
107	Stems	08001.mp3	0:00:00
108	Plant Structure	08002.mp3	0:00:54
109	Activity 8.1	08003.mp3	0:04:44
110	Woody and Herbaceous Stems	08004.mp3	0:04:54
111	Activity 8.2	08005.mp3	0:10:04
112	Succulent Plants	08006.mp3	0:10:14
113	Auxins	08007.mp3	0:10:48
114	Activity 8.3	08008.mp3	0:13:20
115	Examples of Phototropism	08009.mp3	0:13:30
116	What Do You Remember?	08010.mp3	0:15:12

117 Activities 8.4 and 8.5 08011.mp3 0:15:50

Track	Lesson 9	Filename	Start Time
118	Gardening	09001.mp3	0:00:00
119	Your Edible Garden	09002.mp3	0:00:48
120	Gardening Power	09003.mp3	0:02:28
121	Better Foods	09004.mp3	0:04:02
122	Activities 9.1 and 9.2	09005.mp3	0:06:50
123	Tools for Gardening	09006.mp3	0:07:00
124	Raised Bed Garden	09007.mp3	0:08:54
125	Location	09008.mp3	0:09:42
126	Building Your Bed	09009.mp3	0:10:06
127	Width and Length of Garden	09010.mp3	0:11:00
128	Activity 9.3	09011.mp3	0:11:40
129	Soil	09012.mp3	0:11:50
130	Mixing Your Soil	09013.mp3	0:14:44
131	When to Plant	09014.mp3	0:15:58
132	USDA Hardiness Map	09015.mp3	0:17:08
133	Growing Seasons by Zone	09016.mp3	0:17:57
134	What to Plant When	09017.mp3	0:18:39
135	Activity 9.4	09018.mp3	0:19:19
136	Planting Seedlings	09019.mp3	0:19:29
137	Spacing Plants	09020.mp3	0:20:11
138	Tall to Small	09021.mp3	0:21:53
139	Activity 9.5	09022.mp3	0:22:45
140	Watering Your Garden	09023.mp3	0:22:55
141	Activity 9.6	09024.mp3	0:24:27
142	Maintaining Your Garden	09025.mp3	0:24:37
143	Fall and Winter Ideas	09026.mp3	0:34:29
144	What Do You Remember	09027.mp3	0:35:37
145	Activity 9.7	09028.mp3	0:36:21

Track	Lesson 10	Filename	Start Time
146	Trees	10001.mp3	0:00:00
147	Trees are Special	10002.mp3	0:01:24
148	Trees are Important	10003.mp3	0:03:26
149	Activity 10.1	10004.mp3	0:05:02
150	Animal Shelter	10005.mp3	0:05:12
151	More Tree Facts	10006.mp3	0:09:02
152	Activity 10.2	10007.mp3	0:09:50
153	Seed Making	10008.mp3	0:10:00
154	Tree Growth	10009.mp3	0:12:58
155	Twig Anatomy	10010.mp3	0:15:42
156	Activities 10.3 and 10.4	10011.mp3	0:17:21
157	Growing Outward	10012.mp3	0:17:31
158	Tree Trunks	10013.mp3	0:19:23
159	Trunk Layers	10014.mp3	0:20:39

160	Tree Bark Patterns	10015.mp3	0:22:01
161	Activity 10.5	10016.mp3	0:23:03
162	Thirsty Trees	10017.mp3	0:23:13
163	What Do You Remember?	10018.mp3	0:24:47
164	Activities 10.6 and 10.7	10019.mp3	0:25:25

Track	Lesson 11	Filename	Start Time
165	Gymnosperms	11001.mp3	0:00:00
166	Uncovered Seeds	11002.mp3	0:00:38
167	Conifers (1/4)	11003.mp3	0:01:46
168	Activity 11.1	11004.mp3	0:04:20
169	Conifers (2/4)	11005.mp3	0:04:30
170	Activity 11.2	11006.mp3	0:07:26
171	Conifers (3/4)	11007.mp3	0:07:36
172	Activity 11.3	11008.mp3	0:08:30
173	Conifers (4/4)	11009.mp3	0:08:40
174	Cycads	11010.mp3	0:14:30
175	Ginko Biloba	11011.mp3	0:15:58
176	Forests	11012.mp3	0:17:36
177	Forest Fires	11013.mp3	0:22:54
178	What Do You Remember	11014.mp3	0:24:58
179	Activities 11.4 and 11.5	11015.mp3	0:25:42

Track	Lesson 12	Filename	Start Time
180	Seedless Vascular Plants	12001.mp3	0:00:00
181	Sporangium	12002.mp3	0:00:58
182	Fern Anatomy	12003.mp3	0:03:00
183	Fern Lifecycle	12004.mp3	0:06:24
184	Pteridomania	12005.mp3	0:12:46
185	Activity 12.1	12006.mp3	0:14:46
186	Type of Ferns	12007.mp3	0:14:56
187	What Do You Remember?	12008.mp3	0:19:28
188	Activities 12.2 and 12.3	12009.mp3	0:20:20

Track	Lesson 13	Filename	Start Time
189	Nonvascular Plants	13001.mp3	0:00:00
190	Brophytes	13002.mp3	0:00:56
191	Mosses	13003.mp3	0:03:54
192	Uses for Mosses	13004.mp3	0:05:08
193	Liverworts	13005.mp3	0:08:58
194	Activity 13.1	13006.mp3	0:11:02
195	Lichens	13007.mp3	0:11:12
196	What Do You Remember?	13008.mp3	0:18:18
197	Activities 13.2, 13.3, and 13.4	13009.mp3	0:18:56

Track	Lesson 14	Filename	Start Time
198	Mycology	14001.mp3	0:00:00

199	Fungi	14002.mp3	0:01:08
200	Consumers	14003.mp3	0:02:26
201	Fungus Among Us	14004.mp3	0:03:18
202	Yeasts	14005.mp3	0:03:46
203	Activity 14.1	14006.mp3	0:09:46
204	Molds	14007.mp3	0:09:56
205	Activity 14.2	14008.mp3	0:17:14
206	Mushrooms	14009.mp3	0:17:24
207	Mushroom Lifecycle	14010.mp3	0:20:36
208	Dust in the Wind	14011.mp3	0:26:53
209	Spore Dispersal	14012.mp3	0:28:31
210	Saprotrophs	14013.mp3	0:30:25
211	Fairy Rings	14014.mp3	0:31:15
212	Parasitic Mushrooms	14015.mp3	0:32:13
213	Mycorrhizal Mushrooms	14016.mp3	0:34:03
214	What Do You Remember?	14017.mp3	0:36:57
215	Activities 14.3, 14.4, and 14.5	14018.mp3	0:38:09