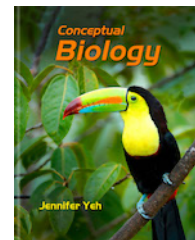




Conceptual Biology

Lesson Planner

One Year



For an automated calendar using this same information, visit HomeschoolPlanet.com

Day	Chapter Assignment	Action Items
1	Unit A, Chapter 1, Assignment 1	
		After purchasing your Conceptual Biology Conceptual Academy course, sign into your student profile page.
		Note: This planner is designed to be a general guide. It is natural that a student may fall behind or jump ahead. What matters most is not the material covered, but the enthusiasm that results from any material covered.
		For a tour of the Conceptual Academy user interface, watch the "Tiger Video" upon signing into your account.
		Carefully review the first "FYI" page and download documents from the Doc Share
		We recommend a pocket microscope, such as the LED Lighted Pocket Microscope (60x - 120x) from Arbor Scientific. Item # C1-4012, \$17
		Biology lab activities are included within this course. However, for this course we also recommend the intro biology kit from eScience Labs (Kit 1399), \$107. The 10 lab activities from this kit are referenced within this planner.
		Obtain a composition book (field journal) into which you can record your observations and answers to questions.
		Take a deep breath as you're about to launch into the amazing world of biology.
		But what exactly happens when you take that deep breath? Curious? You've come to the right place. Let's begin.
2	Unit A, Chapter 1, Assignment 2	
		Study Sections: 1.1 and 1.2 (Videos + Textbook)
		Take corresponding video quizzes
		Be sure to have read: "How to Study Effectively" from the Doc Share
3	Unit A, Chapter 1, Assignment 3	
		Perform eScience Labs 1 and 2: Introduction to Science and Lab Safety
4	Unit A, Chapter 1, Assignment 4	
		Study Sections: 1.3, 1.4 (Videos and Textbook)
		Take corresponding video quizzes
5	Unit A, Chapter 1, Assignment 5	
		Study Section: 1.5 (Videos and Textbook)
		Take corresponding video quizzes



6	Unit A, Chapter 1, Assignment 6	
		Take Module Reading Quiz (Chapter 1)
		Work on Practice Page Worksheets for Chapter 1. Filename: CBPP0102.pdf (Note: Answer Key is filename: CBPP0102Ans.pdf)
7	Unit A, Chapter 1, Assignment 7	
		Summary Challenge: Summarize Chapter 1 in writing or aloud to someone. Then read the Chapter 1 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
8	Unit A, Chapter 1, Assignment 8	
		Answer (in writing) Chapter 1 Short Answer Questions: 11, 15, 17, 19, 21, 23. Note: The author's answers to odd-numbered questions are at the back of the document. Look at these author answers only AFTER you've put forth the effort to create your own.
		Use your pocket microscope to examine the thin membrane peeled from an inner shell of a cut onion. Sketch observations in your field journal.
9	Unit A, Chapter 2, Assignment 1	
		Study Section: 2.1 (Videos and Textbook)
		Take corresponding video quizzes
10	Unit A, Chapter 2, Assignment 2	
		Study Section: 2.2 (Videos and Textbook)
		Take corresponding video quizzes
11	Unit A, Chapter 2, Assignment 3	
		Study Section: 2.3 (Videos and Textbook)
		Take corresponding video quizzes
12	Unit A, Chapter 2, Assignment 4	
		Study Section: 2.4 (Videos and Textbook)
		Take corresponding video quizzes
13	Unit A, Chapter 2, Assignment 5	
		Study Section: 2.5 (Videos and Textbook)
		Take corresponding video quizzes
14	Unit A, Chapter 2, Assignment 6	
		Study Section: 2.6 (Videos and Textbook)
		Take corresponding video quizzes
15	Unit A, Chapter 2, Assignment 7	
		There's a lot of chemistry being covered. Use this time to catch up or to take a break.

16	Unit A, Chapter 2, Assignment 8	
		Study Section: 2.7 (Videos and Textbook)
		Take corresponding video quizzes
17	Unit A, Chapter 2, Assignment 9	
		Your choice. Perform the activity: Liver and Potatoes (filename: CB02LabEnzymes.pdf)
		Use your field journal to document your experience.
18	Unit A, Chapter 2, Assignment 10	
		Work on Practice Page Worksheets for Chapter 2. Filename: CBPP02.pdf.
19	Unit A, Chapter 2, Assignment 11	
		Take Module Reading Quiz (Chapter 2)
20	Unit A, Chapter 2, Assignment 12	
		Study Chapter 2 NTQ (Next-Time Questions)
		Play with PhET simulation: Molecule Shapes
21	Unit A, Chapter 2, Assignment 13	
		Summary Challenge: Summarize Chapter 2 in writing or aloud to someone. Then read the Chapter 2 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
22	Unit A, Chapter 2, Assignment 14	
		Answer (in writing) Chapter 2 Short Answer Questions: 29, 31, 33, 37, 39, 43, 47, 49, 51, 55.
		Use your pocket microscope to examine the LED screen of an electronic device such as a smart phone. Sketch observations in your field journal.
23	Unit A, Chapter 2, Assignment 15	
		Take the Unit A exam using the Pyramid-Exam format described on the first page. Remember, this style of exam is a learning experience more so than a measure of what you have learned. Put less emotional weight on the score you achieve and more emotional weight on the learning that has occurred.
24	Unit B, Chapter 3, Assignment 1	
		Study Section: 3.1 (Videos and Textbook)
		Take corresponding video quizzes
25	Unit B, Chapter 3, Assignment 2	
		Study Sections: 3.2, 3.3 (Videos and Textbook)
		Take corresponding video quizzes
26	Unit B, Chapter 3, Assignment 3	
		Perform Activity: To Catch a Pond Critter (filename: CB03LabPond.pdf)

27	Unit B, Chapter 3, Assignment 4	
		Study Sections: 3.4, 3.5 (Videos and Textbook)
		Take corresponding video quizzes
28	Unit B, Chapter 3, Assignment 5	
		Study Section: 3.6 (Videos and Textbook)
		Take corresponding video quizzes
29	Unit B, Chapter 3, Assignment 6	
		Perform eScience Lab 3 -- Cell Structure and Function
		Study the animation within the FYI page showing the scale of objects from a grain of salt to a carbon atom.
		Use your pocket microscope to examine grains of salt and sugar. Sketch observations in your field journal.
		Remember: All entries within your field journal should be dated and signed.
30	Unit B, Chapter 3, Assignment 7	
		Summary Challenge: Summarize Chapter 3 in writing or aloud to someone. Then read the Chapter 3 detailed chapter summary.
		Take Module Reading Quiz
31	Unit B, Chapter 3, Assignment 8	
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
32	Unit B, Chapter 3, Assignment 9	
		Answer (in writing) Chapter 3 Short Answer Questions: 17, 19, 21, 23, 25, 27.
		Use your pocket microscope to examine the underside of a green leaf. Sketch observations in your field journal.
33	Unit B, Chapter 3, Assignment 10	
		Work on Practice Page Worksheets for Chapter 3. Filename: CBPP03.pdf.
34	Unit B, Chapter 4, Assignment 1	
		Study Section: 4.1 (Videos and Textbook)
		Take corresponding video quizzes
35	Unit B, Chapter 4, Assignment 2	
		Play with PhET simulation: Diffusion
36	Unit B, Chapter 4, Assignment 3	
		Study Chapter 4 NTQ (Next-Time Questions)
37	Unit B, Chapter 4, Assignment 4	
		Study Sections: 4.2 (Videos and Textbook)

		Take corresponding video quizzes
38	Unit B, Chapter 4, Assignment 5	
		Study Section: 4.3 (Videos and Textbook)
		Take corresponding video quizzes
39	Unit B, Chapter 4, Assignment 6	
		Study Section: 4.4 (Videos and Textbook)
		Take corresponding video quizzes
40	Unit A, Chapter 4, Assignment 7	
		Study Section: 4.5 (Videos and Textbook)
		Take corresponding video quizzes
41	Unit A, Chapter 4, Assignment 8	
		Perform eScience Lab 4 -- Energy and Photosynthesis
42	Unit A, Chapter 4, Assignment 9	
		Study Section: 4.6 (Videos and Textbook)
		Take corresponding video quizzes
43	Unit A, Chapter 4, Assignment 10	
		Take Module Reading Quiz
		Work on Practice Page Worksheets for Chapter 4. Filename: CBPP04.pdf.
44	Unit B, Chapter 4, Assignment 11	
		Summary Challenge: Summarize Chapter 4 in writing or aloud to someone. Then read the Chapter 4 detailed chapter summary.
45	Unit B, Chapter 4, Assignment 12	
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
46	Unit B, Chapter 4, Assignment 13	
		Answer (in writing) Chapter 4 Short Answer Questions: 21, 23, 25, 27, 29, 31, 33, 35, 39.
		Use your pocket microscope to examine paper, a paper towel, and tissue. Sketch observations in your field journal.
47	Unit B, Chapter 4, Assignment 14	
		Take the Unit B exam using the Pyramid-Exam format described on the first page. Remember, this style of exam is a learning experience more so than a measure of what you have learned. Put less emotional weight on the score you achieve and more emotional weight on the learning that has occurred.
48	Unit C, Chapter 5, Assignment 1	
		Study Section: 5.1 (Videos and Textbook)

		Take corresponding video quizzes
49	Unit C, Chapter 5, Assignment 2	
		Study Section: 5.2 (Videos and Textbook)
		Take corresponding video quizzes
50	Unit C, Chapter 5, Assignment 3	
		Study Section: 5.3 (Videos and Textbook)
		Take corresponding video quizzes
51	Unit C, Chapter 5, Assignment 4	
		Study Section: 5.4 (Videos and Textbook)
		Take corresponding video quizzes
52	Unit C, Chapter 5, Assignment 5	
		Study Section: 5.5 (Videos and Textbook)
		Take corresponding video quizzes
53	Unit C, Chapter 5, Assignment 6	
		Play with PhET simulation: Gene Expression
54	Unit C, Chapter 5, Assignment 7	
		Study Section: 5.6 (Videos and Textbook)
		Take corresponding video quizzes
55	Unit C, Chapter 5, Assignment 8	
		Study Chapter 5 NTQ (Next-Time Questions)
56	Unit C, Chapter 5, Assignment 9	
		Your choice: Perform activity: Don't Sell that DNA on eBay (filename: CB05DNA.pdf)
57	Unit C, Chapter 5, Assignment 10	
		Take Module Reading Quiz
		Work on Practice Page Worksheets for Chapter 5. Filename: CBPP05.pdf.
58	Unit C, Chapter 5, Assignment 11	
		Summary Challenge: Summarize Chapter 5 in writing or aloud to someone. Then read the Chapter 5 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
59	Unit C, Chapter 5, Assignment 12	
		Answer (in writing) Chapter 5 Short Answer Questions: 17, 19, 25, 27, 29, 31, 35.
		Use your pocket microscope to examine laundry lint. Sketch observations in your field journal.

		For a future activity, set a slice of bread in a warm and moist area so that it grows moldy.
60	Unit C, Chapter 6, Assignment 1	
		Study Section: 6.1 (Videos and Textbook)
		Take corresponding video quizzes
61	Unit C, Chapter 6, Assignment 2	
		Perform eScience Lab 5 -- Mitosis
62	Unit C, Chapter 6, Assignment 3	
		Study Section: 6.2 (Videos and Textbook)
		Take corresponding video quizzes
63	Unit C, Chapter 6, Assignment 4	
		Perform eScience Lab 9 -- Meiosis
64	Unit C, Chapter 6, Assignment 5	
		Study Section: 6.3, 6.4 (Videos and Textbook)
		Take corresponding video quizzes
		Study Chapter 6 NTQ (Next-time Questions)
65	Unit C, Chapter 6, Assignment 6	
		Study Section: 6.5 (Videos and Textbook)
		Take corresponding video quizzes
66	Unit C, Chapter 6, Assignment 7	
		Your choice: Perform one or more of the following activities.
		Perform eScience Lab 6 -- Mendelian Genetics
		Perform Activity: Ufroom Pollywoggles (filename: CB06LabPollywog.pdf)
		Perform Activity: Babyface (filename: CB06LabBabyFace.pdf)
67	Unit C, Chapter 6, Assignment 8	
		Study Section: 6.6 (Videos and Textbook)
		Take corresponding video quizzes
68	Unit C, Chapter 6, Assignment 9	
		Take Module Reading Quiz
		Work on Practice Page Worksheets for Chapter 6. Filename: CBPP06.pdf.
69	Unit C, Chapter 6, Assignment 10	
		Summary Challenge: Summarize Chapter 6 in writing or aloud to someone. Then read the Chapter 6 detailed chapter summary.

		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
70	Unit C, Chapter 6, Assignment 11	
		Answer (in writing) Chapter 6 Short Answer Questions: 13, 15, 17, 19, 21, 25, 27.
		Use your pocket microscope to examine bread mold. Be careful not to inhale any bread mold particles. Sketch observations in your field journal.
71	Unit C, Chapter 7, Assignment 1	
		Study Sections: 7.1, 7.2 (Videos and Textbook)
		Take corresponding video quizzes
72	Unit C, Chapter 7, Assignment 2	
		Study Section: 7.3 (Videos and Textbook)
		Take corresponding video quizzes
73	Unit C, Chapter 7, Assignment 3	
		Study Sections: 7.4, 7.5 (Videos and Textbook)
		Take corresponding video quizzes
74	Unit C, Chapter 7, Assignment 4	
		Study Sections: 7.6, 7.7 (Videos and Textbook)
		Take corresponding video quizzes
75	Unit C, Chapter 7, Assignment 5	
		Take Module Reading Quiz
		Work on Practice Page Worksheets for Chapter 7. Filename: CBPP07.pdf.
76	Unit C, Chapter 7, Assignment 6	
		Summary Challenge: Summarize Chapter 7 in writing or aloud to someone. Then read the Chapter 7 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
77	Unit C, Chapter 7, Assignment 7	
		Answer (in writing) Chapter 7 Short Answer Questions: 17, 19, 21, 25, 27, 29.
		Use your pocket microscope to examine gentle scrapings from your inner cheek, some nose snot, or ear wax. Sketch observations in your field journal.
78	Unit C, Chapter 7, Assignment 8	
		Take the Unit C exam using the Pyramid-Exam format described on the first page.
79	Unit D, Chapter 8, Assignment 1	
		Study Sections: 8.1 and 8.2 (Videos and Textbook)
		Take corresponding video quizzes

80	Unit D, Chapter 8, Assignment 2	
		Study Section: 8.3 (Videos and Textbook)
		Take corresponding video quizzes
81	Unit D, Chapter 8, Assignment 3	
		Study Section: 8.4 (Videos and Textbook)
		Take corresponding video quizzes
82	Unit D, Chapter 8, Assignment 4	
		Study Section: 8.5 (Videos and Textbook)
		Take corresponding video quizzes
		Play with PhET simulation: Natural Selection
83	Unit D, Chapter 8, Assignment 5	
		Perform Activity: The Birds and the . . . Bugs. Filename: CB08LabBugs.pdf
84	Unit D, Chapter 8, Assignment 6	
		Study Section: 8.6 (Videos and Textbook)
		Take corresponding video quizzes
		Study Chapter 8 NTQ (Next-time Questions)
85	Unit D, Chapter 8, Assignment 7	
		Take Module Reading Quiz
		Work on Practice Page Worksheets for Chapter 8. Filename: CBPP08.pdf.
86	Unit D, Chapter 8, Assignment 8	
		Summary Challenge: Summarize Chapter 8 in writing or aloud to someone. Then read the Chapter 8 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
87	Unit D, Chapter 8, Assignment 9	
		Answer (in writing) Chapter 8 Short Answer Questions: 25, 27, 29, 33, 35, 37, 41, 43, 45.
		Use your pocket microscope to examine a flower. Look for pollen particles. Sketch observations in your field journal.
88	Unit D, Chapter 9, Assignment 1	
		Study Section: 9.1 (Videos and Textbook)
		Take corresponding video quizzes
89	Unit D, Chapter 9, Assignment 2	
		Perform eScience Lab 7 -- Population Genetics
90	Unit D, Chapter 9, Assignment 3	

		Study Sections: 9.2 and 9.3 (Videos and Textbook)
		Take corresponding video quizzes
91	Unit D, Chapter 9, Assignment 4	
		Study Sections: 9.4 and 9.5 (Videos and Textbook)
92	Unit D, Chapter 9, Assignment 5	
		Study Sections: 9.6 and 9.7 (Videos and Textbook)
93	Unit D, Chapter 9, Assignment 6	
		Take Module Reading Quiz
		Work on Practice Page Worksheets for Chapter 9. Filename: CBPP09.pdf.
94	Unit D, Chapter 9, Assignment 7	
		Summary Challenge: Summarize Chapter 9 in writing or aloud to someone. Then read the Chapter 9 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
95	Unit D, Chapter 9, Assignment 8	
		Answer (in writing) Chapter 9 Short Answer Questions: 19, 21, 23, 25, 27, 29, 31, 33, 35, 39.
		Use your pocket microscope to examine carpet not yet vacuumed and also freshly vacuumed. Sketch observations in your field journal.
96	Unit D, Chapter 9, Assignment 9	
		Take the Unit D exam using the Pyramid-Exam format described on the first page.
97	Unit E, Chapter 10, Assignment 1	
		Study Section: 10.1 (Videos and Textbook)
98	Unit E, Chapter 10, Assignment 2	
		Study Section: 10.2 (Videos and Textbook)
99	Unit E, Chapter 10, Assignment 3	
		Study Sections: 10.3, 10.4 (Videos and Textbook)
		Take corresponding video quizzes
100	Unit E, Chapter 10, Assignment 4	
		Study Section: 10.5 (Videos and Textbook)
		Take corresponding video quizzes
101	Unit E, Chapter 10, Assignment 5	
		Study Section: 10.6 (Videos and Textbook)
		Take corresponding video quizzes
102	Unit E, Chapter 10, Assignment 6	

		Study Section: 10.7 (Videos and Textbook)
		Take corresponding video quizzes
103	Unit E, Chapter 10, Assignment 7	
		Study Section: 10.7 (Videos and Textbook)
		Take corresponding video quizzes
104	Unit E, Chapter 10, Assignment 8	
		Work on Practice Page Worksheets for Chapter 10. Filename: CBPP10.pdf.
105	Unit E, Chapter 10, Assignment 9	
		Take Module Reading Quiz
106	Unit E, Chapter 10, Assignment 10	
		Summary Challenge: Summarize Chapter 10 in writing or aloud to someone. Then read the Chapter 10 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
107	Unit E, Chapter 10, Assignment 11	
		Answer (in writing) Chapter 10 Short Answer Questions: 19, 21, 25, 27, 31, 33, 35, 37, 39.
		Use your pocket microscope to examine the hair on your arm. Sketch observations in your field journal.
108	Unit E, Chapter 11, Assignment 1	
		Study Section: 11.1 (Videos and Textbook)
		Take corresponding video quizzes
109	Unit E, Chapter 11, Assignment 2	
		Study Section: 11.2 (Videos and Textbook)
		Take corresponding video quizzes
110	Unit E, Chapter 11, Assignment 3	
		Study Section: 11.3 (Videos and Textbook)
		Take corresponding video quizzes
		Study Chapter 11 NTQ (Next-time Questions)
111	Unit E, Chapter 11, Assignment 4	
		Study Section: 11.4 (Videos and Textbook)
		Take corresponding video quizzes
112	Unit E, Chapter 11, Assignment 5	
		Extra Credit Long-Term Activity: Create a Bug Box Collection as described on the FYI page.
113	Unit E, Chapter 11, Assignment 6	

		Study Section: 11.5 (Videos and Textbook)
		Take corresponding video quizzes
114	Unit E, Chapter 11, Assignment 7	
		Study Section: 11.6 (Videos and Textbook)
		Take corresponding video quizzes
115	Unit E, Chapter 11, Assignment 8	
		Take Module Reading Quiz
		Work on Practice Page Worksheets for Chapter 11. Filename: CBPP11.pdf.
116	Unit E, Chapter 11, Assignment 9	
		Summary Challenge: Summarize Chapter 11 in writing or aloud to someone. Then read the Chapter 11 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
117	Unit E, Chapter 11, Assignment 10	
		Answer (in writing) Chapter 11 Short Answer Questions: 17, 19, 21, 23, 25, 29, 31, 33.
		Use your pocket microscope to examine an insect. To what phylum do insects belong? Sketch observations in your field journal.
118	Unit E, Chapter 11, Assignment 11	
		Take the Unit E exam using the Pyramid-Exam format described on the first page.
119	Unit F, Chapter 12, Assignment 1	
		Study Section: 12.1 (Videos and Textbook)
		Take corresponding video quizzes
120	Unit F, Chapter 12, Assignment 2	
		Study Section: 12.2 (Videos and Textbook)
		Take corresponding video quizzes
121	Unit F, Chapter 12, Assignment 3	
		Study Section: 12.3 (Videos and Textbook)
		Take corresponding video quizzes
122	Unit F, Chapter 12, Assignment 4	
		Study Section: 12.4 (Videos and Textbook)
		Take corresponding video quizzes
123	Unit F, Chapter 12, Assignment 5	
		Study Section: 12.5 (Videos and Textbook)
		Take corresponding video quizzes

		Play with PhET simulation: Neuron
124	Unit F, Chapter 12, Assignment 6	
		Study Sections: 12.6 and 12.7 (Videos and Textbook)
		Take corresponding video quizzes
125	Unit F, Chapter 12, Assignment 7	
		Work on Practice Page Worksheets for Chapter 12. Filename: CBPP12.pdf.
126	Unit F, Chapter 12, Assignment 8	
		Take Module Reading Quiz
		Summary Challenge: Summarize Chapter 12 in writing or aloud to someone. Then read the Chapter 12 detailed chapter summary.
127	Unit F, Chapter 12, Assignment 9	
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
128	Unit F, Chapter 12, Assignment 10	
		Answer (in writing) Chapter 12 Short Answer Questions: 25, 27, 31, 33, 35, 39, 41, 43.
		Use your pocket microscope to examine the tip of a needle. How many cells might fit on that tip? Sketch observations in your field journal.
129	Unit F, Chapter 13, Assignment 1	
		Study Section: 13.1 (Videos and Textbook)
		Take corresponding video quizzes
130	Unit F, Chapter 13, Assignment 2	
		Study Sections: 13.2 and 13.3 (Videos and Textbook)
		Take corresponding video quizzes
131	Unit F, Chapter 13, Assignment 3	
		Study Section: 13.4 (Videos and Textbook)
		Take corresponding video quizzes
		Use the simulation on the FYI page to become familiar with the bones of the arm. Memorize three of these bones.
132	Unit F, Chapter 13, Assignment 4	
		Study Section: 13.5 (Videos and Textbook)
		Take corresponding video quizzes
133	Unit F, Chapter 13, Assignment 5	
		Perform Activity: Muscle and Bones (Rather than muscle magazines, consider muscle-building online resources)
134	Unit F, Chapter 13, Assignment 6	

		Take Module Reading Quiz
		Work on Practice Page Worksheets for Chapter 13. Filename: CBPP13.pdf.
135	Unit F, Chapter 13, Assignment 7	
		Summary Challenge: Summarize Chapter 13 in writing or aloud to someone. Then read the Chapter 13 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
136	Unit F, Chapter 13, Assignment 8	
		Answer (in writing) Chapter 13 Short Answer Questions: 15, 17, 19, 21, 23, 25, 27, 29, 31.
		Use your pocket microscope to examine the tip of a needle. How many cells might fit on that tip? Sketch observations in your field journal.
137	Unit F, Chapter 13, Assignment 9	
		Take the Unit E exam using the Pyramid-Exam format described on the first page.
138	Unit G, Chapter 14, Assignment 1	
		Study Sections: 14.1 and 14.2 (Videos and Textbook)
		Take corresponding video quizzes
139	Unit G, Chapter 14, Assignment 2	
		Study Section: 14.3 (Videos and Textbook)
		Take corresponding video quizzes
140	Unit G, Chapter 14, Assignment 3	
		Perform Activity: The Heart of the Matter (filename: CB14LabHeart.pdf)
141	Unit G, Chapter 14, Assignment 4	
		Study Section: 14.3 (Videos and Textbook)
		Take corresponding video quizzes
		Work on Calculation Corner: Heavy Breathing (filename: CBCalc1404.pdf)
142	Unit G, Chapter 14, Assignment 5	
		Study Section: 26.7 (Videos + Textbook)
		Take corresponding video quizzes
		Study Chapter 26 NTQs. Filename: WeatherNTQ.pdf (Next-time Questions)
143	Unit G, Chapter 14, Assignment 6	
		Study Section: 14.5 (Videos and Textbook)
		Take corresponding video quizzes
144	Unit G, Chapter 14, Assignment 7	
		Take Module Reading Quiz

145	Unit G, Chapter 14, Assignment 8	
		Work on Practice Page Worksheets for Chapter 14. Filename: CBPP14.pdf.
146	Unit G, Chapter 14, Assignment 9	
		Summary Challenge: Summarize Chapter 14 in writing or aloud to someone. Then read the Chapter 14 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
147	Unit G, Chapter 14, Assignment 10	
		Answer (in writing) Chapter 14 Short Answer Questions: 23, 27, 29, 31, 33, 37, 39, 45.
		Use your pocket microscope to examine a neuron from a filet of cooked fish. (That stretchy thread filament running along the center of the filet. Tilapia works well). Sketch observations in your field journal.
148	Unit G, Chapter 15, Assignment 1	
		Study Section: 15.1 (Videos and Textbook)
		Take corresponding video quizzes
		Examine the structure of various vitamins on the FYI page interactive.
149	Unit G, Chapter 15, Assignment 2	
		Study Sections: 15.2 and 15.3 (Videos and Textbook)
		Take corresponding video quizzes
150	Unit G, Chapter 15, Assignment 3	
		Study Section: 15.4 (Videos and Textbook)
		Take corresponding video quizzes
		Study Chapter 15 NTQ (Next-time Questions)
151	Unit G, Chapter 15, Assignment 4	
		Study Section: 15.5 (Watch educational version of "Kiss The Ground" movie. Password: school)
152	Unit G, Chapter 15, Assignment 5	
		Take Module Reading Quiz
		Work on Practice Page Worksheets for Chapter 15. Filename: CBPP15.pdf.
153	Unit G, Chapter 15, Assignment 6	
		Summary Challenge: Summarize Chapter 15 in writing or aloud to someone. Then read the Chapter 15 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
154	Unit G, Chapter 15, Assignment 7	
		Answer (in writing) Chapter 15 Short Answer Questions: 15, 19, 21, 23, 27, 29.

		Use your pocket microscope to examine a kitchen countertop before and after wiping it. Sketch observations in your field journal.
155	Unit G, Chapter 15, Assignment 8	
		Take the Unit G exam using the Pyramid-Exam format described on the first page.
156	Unit H, Chapter 16, Assignment 1	
		Study Section: 16.1 (Videos and Textbook)
		Take corresponding video quizzes
		Study Chapter 16 NTQ (Next-time Questions)
157	Unit H, Chapter 16, Assignment 2	
		Study Section: 16.2 (Videos and Textbook)
		Take corresponding video quizzes
		Use the interactive graph on the FYI page to create a curve matching logistic growth.
158	Unit H, Chapter 16, Assignment 3	
		Study Section: 16.3 (Videos and Textbook)
		Take corresponding video quizzes
159	Unit H, Chapter 16, Assignment 4	
		Study Section: 16.4 (Videos and Textbook)
		Take corresponding video quizzes
160	Unit H, Chapter 16, Assignment 5	
		Take Module Reading Quiz
		Work on Practice Page Worksheets for Chapter 16. Filename: CBPP16.pdf.
161	Unit H, Chapter 16, Assignment 6	
		Summary Challenge: Summarize Chapter 16 in writing or aloud to someone. Then read the Chapter 16 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
162	Unit H, Chapter 16, Assignment 7	
		Answer (in writing) Chapter 16 Short Answer Questions: 13, 15, 17, 19, 23, 25, 27, 29.
		Use your pocket microscope to examine soil. How is soil different from dirt? Sketch observations in your field journal.
163	Unit H, Chapter 16, Assignment 8	
		Study Section: 17.1 (Videos and Textbook)
		Take corresponding video quizzes
164	Unit H, Chapter 17, Assignment 1	

		Study Section: 17.2 (Videos and Textbook)
		Take corresponding video quizzes
165	Unit H, Chapter 17, Assignment 2	
		Study Section: 17.3 (Videos and Textbook)
		Take corresponding video quizzes
		Study Chapter 17 NTQ (Next-time Questions)
166	Unit H, Chapter 17, Assignment 3	
		Study Section: 17.4 (Videos and Textbook)
		Take corresponding video quizzes
167	Unit H, Chapter 17, Assignment 4	
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
		Share your pocket microscope with others
168	Unit H, Chapter 17, Assignment 5	
		Perform eScience Lab 8: Ecology of Organisms
169	Unit H, Chapter 17, Assignment 6	
		Take Module Reading Quiz
		Work on Practice Page Worksheets for Chapter 17. Filename: CBPP17.pdf.
170	Unit H, Chapter 17, Assignment 7	
		Summary Challenge: Summarize Chapter 17 in writing or aloud to someone. Then read the Chapter 17 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
171	Unit H, Chapter 17, Assignment 8	
		Answer (in writing) Chapter 17 Short Answer Questions: 11, 13, 17, 19, 21, 23, 25.
		How might your pocket microscope be transformed into a telescope? Outline your thoughts in your field journal.
172	Unit H, Chapter 18, Assignment 1	
		Study Section: 18.1 (Videos and Textbook)
		Take corresponding video quizzes
173	Unit H, Chapter 18, Assignment 2	
		Study Sections: 18.2 and 18.3 (Videos + Textbook)
		Take corresponding video quizzes
174	Unit H, Chapter 18, Assignment 3	
		Your choice: Perform one or more of the following activities.

		Perform Activity: Ecological Footprints (filename: CB18LabFootprint.pdf)
		Perform Activity: The Whole World in Your Hands (filename: CB18LabWorld.pdf)
		Perform eScience Lab 10: Ecological Interactions
175	Unit H, Chapter 18, Assignment 4	
		Study Sections: 18.4 and 18.5 (Videos + Textbook)
		Take corresponding video quizzes
176	Unit H, Chapter 18, Assignment 5	
		Study Section: 18.6 (First Video + Textbook)
		Take corresponding video quizzes
177	Unit H, Chapter 18, Assignment 6	
		Study Section: 18.6 (remaining videos)
		Take corresponding video quizzes
178	Unit H, Chapter 18, Assignment 7	
		Take Module Reading Quiz
		Work on Practice Page Worksheets for Chapter 18. Filename: CBPP18.pdf.
179	Unit H, Chapter 18, Assignment 8	
		Summary Challenge: Summarize Chapter 18 in writing or aloud to someone. Then read the Chapter 18 detailed chapter summary.
		Answer correctly at least 10 questions from the Homework Practice Session (HPS)
180	Unit H, Chapter 18, Assignment 9	
		Answer (in writing) Chapter 18 Short Answer Questions: 17, 19, 23, 25, 27, 29, 31, 35, 39.
		Share your pocket microscope with others with the advice on what cool things to examine.
181	Unit H, Chapter 18, Assignment 10	
		Take the Unit H exam using the Pyramid-Exam format described on the first page.
182	Unit H, Chapter 18, Assignment 11	
		Congratulations for making it through Conceptual Biology. This is quite the accomplishment. It has been an honor working with you. Please download, print, and sign the certificate of completion from the Doc Share. You earned this. Thank you for your learning efforts, which we see as a path to making our world a better place.