

**Textbook**

Exploring Creation with Biology 2nd Edition By Dr. Jay Wile (ISBN 978-1-932012-54-5), recommended Solutions and Tests for Exploring Creation with Biology 2nd Edition (ISBN 978-1-932012-55-2)

**Materials Needed**

Notebook paper (looseleaf or in a notebook), pen or pencil, scientific or graphing calculator, compatible dissection kit with specimens, permanently bound lab notebook with duplicates, at least 100 pages (similar to Barbakam product ISBN: 978-09785344-5-5)

**Prerequisites**

None

**Course description**

"This course is designed to be the student's first high school science course and is a college-prep biology course that provides a detailed introduction to the methods and concepts of general biology. Heavily emphasizing the vocabulary of biology, it provides the student with a strong background in the scientific method, the five-kingdom classification scheme, microscopy, biochemistry, cellular biology, molecular and Mendelian genetics, evolution, dissection, and ecosystems. It also provides a complete survey of the five kingdoms in Creation. Students who take and understand this course will be very well-prepared for a tough university biology course."-Apologia website

**Grading Scale and Weights**

A:	90 to 100	Homework	15%
B:	80 to 89	Tests	50%
C:	70 to 79	Labs	35%
D:	60 to 69		
F:	0 to 59		

**Other information**

Please make use of the above contact methods for help with homework during the week (including weekends). If you call and there is no answer, please leave a message. Do NOT send texts, please. Whether you send an email or leave a voicemail, please remember that I am teaching all day each weekday, so I might not get to respond immediately.

**Class Time**

The co-op classes will be as scheduled by CCHSHC. The time will be used to lecture over the module being covered that week, answer any questions from the reading, problems, or tests, and work practice problems. The intent of the lecture is (a) to give an extensive preview/review of the reading assignment for the week, and (b) to demonstrate and explain the mathematics involved by working practice problems.

**Homework**

Homework will be assigned for each chapter, and will be graded by the instructor. The "On Your Own" problems should be attempted to familiarize the student with the material, however, only the "Review Questions" and "Practice Problems" at the end of each chapter will be assigned. The homework assignments must be turned in to the instructor within one week from the date that they are assigned. Homework will be administered online. Half-credit penalties may be applied to assignments that extend past the online due dates.

**Tests**

Tests will be administered online, via ClassMarker. The tests will be closed- book and closed-notes unless otherwise specified; the test is to be taken at one sitting, supervised by the parent, and within a 75-minute timeframe. A 10% deduction may be taken for every class period after the due date that a test must be extended. If a student has questions regarding an exam, he/she may try to contact the instructor for help, but should still complete all items as thoroughly as possible. The student should notify the instructor of any misunderstood or unclear items immediately during or after the test (via phone or email). This is the only opportunity to dispute problems. Concessions will not be made for any reason if this testing procedure is not followed.

**Labs**

The majority of the co-op class time every other week will be used to conduct the laboratory experiments as instructed in the text. You will be expected to bring safety goggles, a lab kit compatible with the appropriate curriculum and a composition notebook that is permanently bound and includes duplicates, with at least 100 pages (similar to Barbakam product ISBN: 978-09785344-5-5). Proper lab manual format and lab technique will be explained the first day of class.

Biology • 2016-2017

Quarter	Week #	Friday	Biology	Quarter	Week #	Friday	Biology
1	1	8/26/16	Lecture Module 1	3	17	1/13/17	Labs Module 8
	2	9/2/16	Labs Module 1		18	1/20/17	Lecture Module 9
	3	9/9/16	Lecture Module 2		19	1/27/17	Lecture Module 10
	4	9/16/16	Labs Module 2		20	2/3/17	Labs Module 10
	5	9/23/16	Lecture Module 3		21	2/10/17	Lecture Module 11
	6	9/30/16	Labs Module 3		22	2/17/17	Labs Module 11
	7	10/7/16	Lecture Module 4		23	2/24/17	Lecture Module 12
	8	10/14/16	Labs Module 4		Spring Break	3/3/17-3/10/17	
2	9	10/21/16	Lecture Module 5	4	24	3/17/17	Labs Module 12
	10	10/28/16	Labs Module 5		25	3/24/17	Lecture Module 13
	11	11/4/16	Lecture Module 6		26	3/31/17	Labs Module 13
	12	11/11/16	Lecture Module 6		27	4/7/17	Lecture Module 14
	13	11/18/16	Labs Module 6		Good Friday	4/14/17	
	Thanksgiving Break	11/25/16			28	4/21/17	Labs Module 14
	14	12/2/16	Lecture Module 7		29	4/28/17	Lecture Module 15
	15	12/9/16	Labs Module 7		30	5/5/17	Labs Module 15
	16	12/16/16	Lecture Module 8		31	5/12/17	Lecture Module 16
Christmas Break	12/23/16-1/6/17		32	5/19/17	Labs Module 16		

*\*Please be advised that this is a tentative schedule. Due dates on Weebly should be considered the final authority in regards to pacing. Some chapters or lessons may be omitted as necessary if the class gets behind schedule.*