



Live Classes

Biology

Loisann Fowler

Syllabus

2025-2026



Personal Note from Instructor:

Welcome! If you are reading this, you are interested in Apologia's Live Class, Exploring Creation with Biology with Mrs. Fowler. I am thankful for each one of you and anticipate a great year together! It is my goal to do whatever possible to help students be successful in this learning experience. All of my students will be given every chance to learn and grow for the glory of Christ and the joy of all people. There is a lot to learn, but we take it one bite at a time; like eating an elephant, as my husband is known to say.

Please read the following information related to class at your leisure; most questions will be answered. For now, begin procuring the required materials, and feel free to email me with any questions. MrsFowler@apologia.com

Please note, as soon as your student registers for my class, I begin praying for your family. If you have challenges affording a microscope, please let me know via email and I will pray specifically for this. God provides in a myriad of ways, so spread the word of your need to everyone you know in **all** your circles, even your church and neighborhood newsletters, and let's look expectantly for His generosity and kindness toward your family. Seeing God's microscopic Creation and learning how to use a microscope is **important** to understanding the topics covered in this course and in being able to call it a high school science. Some families are able to join with others in sharing the cost and have fun doing the labs together every two weeks or so. Some have gained the ability to use a local school or library's science lab, and many share or borrow one.

It is my deep desire that as we look into God's design of the world, we would all come to know and love Him more. I look forward to getting to know YOU as well!

Warmly,

Mrs. Fowler

Recommended Grade Level:

9th or 10th grade

Prerequisites:

None

Live Lecture Date & Time:

Tuesdays, 9 – 10:30 a.m. ET

Tuesdays, 1 – 2:30 p.m. ET

NOTE: The instructor does not require attendance of the live lectures but highly recommends students attend as many of the live lectures as possible to take advantage of live Q&A. Lectures are recorded and posted on the course Canvas page under the associated week and module. If you miss a lecture, please watch the recording. You can also use the recording for review as you prepare for the online exam.

Description:

This course is designed to be the student's first high school science course (generally, 9th-10th grades) 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 three domain – four 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. Once taken and understood, Exploring Creation with Biology gives an excellent foundation for future science courses.

Required Class Materials:

Exploring Creation with Biology, 3rd edition, Dincher

Exploring Creation with Biology, Solutions & Test Manual (the text and this manual together are called the Basic Set)

High school quality Microscope, at least 400x AND a “fine focus,” which is separate from the “coarse focus”

Biology Complete Slide Set

Biology Dissection Set with Specimens (wait to order this until December of the school year to improve specimen quality, as dissections begin in spring)

Notebook: Either a 3-ring notebook with dividers and ability to add papers or Apologia’s Biology Student Notebook + a folder to keep papers

Recommended Class Materials:

Add text here.

Course Topics:

Heavily emphasizing the vocabulary of biology, Apologia’s Exploring Creation with Biology provides the student with a strong background in the scientific method, the three domain – four 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 and training in scientific lab report writing.

Assignment Structure:

We will cover a module every two weeks, with live class meeting once weekly, for a total of 32 weeks. Experiments and lab reports are scattered throughout each module. Dissections are accomplished at home with labeled photos submitted after each. There are no assignments during breaks.

Grading:

Assignments, tests, and lab reports are scored on a 100-point scale which parents can work into their established grading policy.

Due Dates and Late Policy:

Due dates are established by Mrs. Fowler for accountability. Deadlines for all on-time work will be posted on the student portal Canvas for each semester. Late submissions are accepted until the end of each semester, with late points deducted. Illness and emergencies receive extensions.

Student Conduct:

Student Responsibilities

- 1- Ask God for help to do your best, every day.
- 2- Treat others in class as God's image bearers, with respect and honor.
- 3- Accomplish all required work for optimum learning.
- 4- Be prepared for class – even recorded students are expected to do the required reading before watching the class recording.
- 5- Monitor the student portal Canvas for assignments and due dates.
- 6- Be in live class promptly. (This does not apply to recorded students).
- 7- If necessary to miss live class, watch the recording of said class.
- 8- Submit assignments promptly and with integrity.
- 9- Communicate with parents and Mrs. Fowler throughout the year concerning any needs or problems, as well as the new and remarkable things you learn.
- 10- Have as much fun as possible learning new things!

Academic Honesty

I am honest and forthright with my students, and I expect the same honor and respect. Dishonesty of any kind will not be tolerated, and Apologia has multiple layers in place to insure its discovery.

Instructor Availability for Questions:

I am available and happy to answer email questions August 1 – May 23, M-Th 9:00 am – 4:00 pm eastern. June and July are not teaching months and therefore I will answer email as able.