

Life Science

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Requirements

Grades 7-8

Tuition

\$50 per month

\$50 per semester laboratory fee

Course Description

In this class, we will explore the design and diversity of life through a Biblical worldview, emphasizing that life is the result of intentional design.

Students will understand taxonomy, which is the scientific study of naming, be able to define and classify groups of biological organisms based on shared characteristics and be familiar with binomial nomenclature.

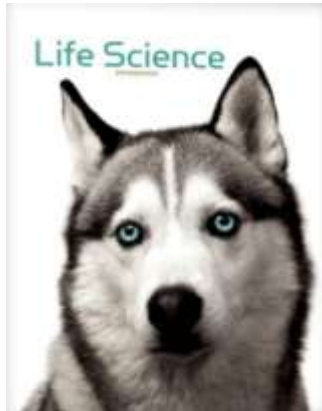
Students will learn the basic properties of DNA, prokaryotic and eukaryotic cells, and be able to understand and explain the basic components and processes of a cell, including metabolism, homeostasis, reproduction, cellular respiration, development, and genetics. Students will also receive an introduction to anatomy and physiology of the human body.

Class work will include lectures, note-taking, discussion, and laboratory work. Comprehension questions, quizzes, and occasional laboratory reports will be completed at home. Mid-term and final tests will be completed in class.

Homework

Homework/time commitment: approximately 2-4 hours per week spent on reading, comprehension questions, quizzes, and occasional lab reports.

Required Book & Materials



- Life Science Student Edition, 5th Edition
ISBN 9781628564013
BJU Press
- 2-inch binder
- Loose-leaf notebook paper
- Pen/pencil
- Access to internet and printer