

8th Grade Life Science 2020-21

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Required Text: *Life Science, 2nd edition (BJU) textbook only (ISBN 0-89084-884-X)*

Corequisites: Student should be studying at least 7th grade math

Required Materials: Paper and pencil/pen. Lab notebook and anatomy coloring book will be provided.

Class Format: Class time will be used to introduce new material through lecture/discussion and labs/demonstrations. Reading and homework assignments are to be done through the week between classes.

Scope: This course is a study of cells, genetics, classification of plants and animals, anatomy, physiology, and ecology. The scientific method is covered and students will learn to record observations in a lab notebook.

Tests: Short quizzes in class will check that required reading is done. Semester tests will be done in class to provide experience in a group testing environment.

Grading:

- Quizzes 40%
- Semester test 20%
- Lab notebooks and other homework 40%

Spring will cover the animal kingdom and human anatomy. If time permits, we will also cover the ecosystem/biomes. An optional unit on human reproduction (age-appropriate) is only in the Teacher Manual and will be handed to a parent to be used/not used at home as they decide.