Advanced Life Course Syllabus

Course information

Advanced Life Science

Course pre-requisites and/or grade level or other restrictions

8th Grade students only who are currently taking Life Science
(Alternating days)

Teacher contact information

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Course description/student learning objectives

This course is designed to give the student an awareness of the biological world we live in. Students will study Heredity and how DNA has played its part in creating all live on the Earth. Next we will look closely at evolution and how animals and plants have evolved from simpler forms of life and how life has changes on the Earth. The biological history of the Earth will likewise be introduced, along with the Classification System of living organisms, Bacteria and Viruses, Protists and Fungi, Plants and Plant processes.

Course content (assignments and so on)

Text – Holt Science and Technology Life Science

Chapter 5 – Heredity
Chapter 6 – Genes and DNA
Chapter 7 – The Evolution of Living Things
Chapter 8 – The History of Life on Earth
Chapter 9 – Classification
Chapter 10 – Bacteria and Viruses
Chapter 11 – Protists and Fungi
Chapter 12 – Introduction to Plants
Chapter 13 – Plant Processes

Assignments – a typical chapter will include Section Reviews at the end of each section, Directed Reading worksheets, a project or lab of some kind and a practice test and a test. The homework and assignments will be 50% of the grade and the final test will be 50%.

Required textbooks and materials; suggested course materials

When we begin each chapter the student is required to read the chapter, be attentive in the class and take the required notes on the subject. Assignments are to be completed on time, late assignments will be reduced 50%. All Junior High students should have a pencil or pen, paper, text book or required reading material and a calculator. Make sure your name is on everything, keep it in your locker until needed and keep your locker locked at all times.

Grading policy/assignment policies

A+	97%	A	94%	A-	90%
B+	87%	B	84%	B-	80%
C+	77%	C	74%	C-	70%
D	64%	F	<64%		