Life Science Course Syllabus

Course information

Life Science

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

8th Grade requirement

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 the beginnings of life on the Earth and how live evolved to its present forms. We will start off with a study of cells and how cells are a function of all living things in the world. Secondly we will make a jump to Animals and their behaviors. We will look at and dissect the worm, clam, starfish, squid, crayfish, frog, perch and shark in our study of animals. Lastly we will get into our study of human anatomy and physiology. He we will look at the human body and all of its complexity.

At the end of the school year we will be taking a six day field trip to camp out in Yellowstone National Park. We will see the geology, ecology, flora and fauna of Yellowstone. On our return trip we will explore the ghost town of Bannack and visit the Big Hole Battlefield National Monument.

Course content (assignments and so on)

Text – Holt Science and Technology Life Science

- Chapter 1 – The world of science
- Chapter 2 – It's Alive! Or is it?
- Chapter 3 – Cells: The Basic units of Life
- Chapter 4 – The Cell in Action
- Chapter 14 – Animals and Behavior
- Chapter 15 – Invertebrates
- Chapter 16 – Fishes, Amphibians, and Reptiles
- Chapter 17 – Birds and Mammals
- Chapter 22 – Body Organization and Structure
- Chapter 23 – Circulation and Respiration
- Chapter 24 – The Digestive and Urinary System
- Chapter 25 – Communication and Control
- Chapter 26 – Reproduction and Development

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%		