



Jurassic Planet Syllabus - Life Science  
*2019-2020 Syllabus*

**Teacher:** Peter Edwards

**Contact:** [peterdavid@sdlaa.com](mailto:peterdavid@sdlaa.com)

**Description:**

This is a life science unit for middle school age students. It will cover the standards for life science such as, Molecules to Organisms, Interactions & Energy in Ecosystems, heredity, Taxonomy, etc.. This will be done through the education model of Edu-LARP. The students will be recruits for the Gamma League to find and discover planets and then guide their development and evolution. This is all in an attempt to create worlds where we can inhabit and save the human race after the terrible planet bombs from an alien race called the Gammalons! Students will also be exposed to how to write a proper lab report and the scientific method.

\*Syllabus subject to change

**Text & Materials Required**

- Imagination! :)
- Science notebook: Grid-lined Composition book
- Lab coat & Safety goggles for labs

**Semester 1**

Class Date	Chapters to be covered Complete assigned reading, research on topic, & additional requirements as assigned, before class meeting date.
Sept 9	Class Rules & Welcome to Forward Base Gamma
Sept 16	M Class Planets and Ecosystems
Sept 23	Cells, Molecules, & Microorganisms
Oct 7	<b>Lab - Microscopes &amp; Unicellular Organism Lab</b>
Oct 14	Ecosystems and Energy
Oct 21	Ecosystems and Energy
Oct 28	Spores, Molds, Fungus, & Plants
Nov 4	Spores, Molds, Fungus, & Plants
<i>Nov 11</i>	<i>No class – holiday</i>
Nov 18	Spores, Molds, Fungus, & Plants - <b>Planet Fusion</b>

<b>Dec 2</b>	<b>Plant, Flower and Energy Lab</b>
--------------	-------------------------------------

*Winter Break: Dec 9th - Jan 3rd*

<b>Jan 6</b>	Genetics & Adaptation
<b>Jan 13</b>	Genetics & Adaptation
<b>Jan 20</b>	<i>No class – holiday</i>

## **Semester 2**

<b>Class Date</b>	<b>Chapters to be covered</b> Complete assigned reading & additional requirements as assigned, before class date.
<b>Feb 3</b>	<b>Genetics Lab</b>
<b>Feb 10</b>	Gammalon Encounter
<b>Feb 17</b>	<i>No class – holiday</i>
<b>Feb 24</b>	Animal Life - Taxonomy, Habitat, & Circle of Life
<b>March 2</b>	Animal Life - Taxonomy, Habitat, & Circle of Life
<b>March 9</b>	Animal Life - Taxonomy, Habitat, & Circle of Life
<b>March 16</b>	<b>Cladogram &amp; Evolution Lab</b>
<b>March 23</b>	The Human Element
<b>March 30</b>	The Human Element
<b>April 6th &amp; 13th</b>	<i>No class – Spring Break</i>
<b>April 20</b>	The Final Battle with the Gammalons
<b>April 27</b>	Projects & Presentations - Planets