



Hephatha Lutheran School

Course Syllabus 2018-2019

Life Science

Mr. Duerr

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Location: 8th Grade Classroom

Course Description:

Life Science is an introductory course constructed to enable students to explore basic biological concepts. Students will focus on concepts including the characteristics, classifications, diversity and relationships of living things. Students will explore different possibilities of the origins of life and the evidence and shortcomings of those possibilities.

Course Objectives:

1. Use the tools of observation and the scientific method to explore the living world.
2. Use the characteristics of all living things to identify that which is living and that which is not living.
3. Observe and identify the basic building blocks, cells and organelles, of all living things.
4. Explore the history of living things and the role inheritance plays in diversity.
5. Classify living things into different kingdoms based on their shared characteristics.
6. Explore the relationship between all living things and the role/responsibility of humans in these relationships.
7. Explore the basic systems and organs in human anatomy and physiology.

Textbook(s):

Holt Science and Technology: Life Science

Required Course Materials:

Composition or Spiral bound Notebook *for notes* (you will need more than one)

TechTool (See Tech Handbook for appropriate tool)

Blue or Black Pen

College Ruled paper

Teacher/Academic Expectations:

1. Students are to be prepared for class, with all necessary materials at their desk.
2. Students will be respectful of all individuals in the classroom at all times.
3. Students will participate in class with thoughtful questions, answers, or comments in an appropriate manner raising his/her hand and waiting to be called on.
4. Students will have all due assignments completed prior to the beginning of the school day, unless other arraignments have been made with the teacher.
 - Please reference Middle School Handbook for homework policy.
 - Late homework.
 - i. Turning in the day assigned but not at the beginning of the day will result in a 25% reduction of the grade.
 - ii. Turned in anytime after the day it was assigned but before the end of the trimester will result in a 50% reduction of the grade.
5. Students will glorify God by using the talents he has given them by always doing their best on their assignments, always submitting them in a neat and organized manner. (If you wouldn't hand your assignment to our Lord Jesus Christ, then you are not glorifying him with your efforts) – 1 Corinthians 10:31

Grade Scale:

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|---|-----------|
| A | 90 – 100% |
| B | 80 – 89% |
| C | 70 – 79% |
| D | 60 – 69% |
| F | 0 – 59% |

*Note: Mathematically appropriate rounding will be taken into account. (ex. 89.4% => 89%, 89.5% => 90%)

Grading Procedures:

1. Final grades will be determined by 4 weighted categories.
 - Tests – 45%
 - Homework – 45%
 - Quizzes – 5%
 - Participation – 5%
2. All homework will be entered using points. In general each question is worth 2 points. 2 points = full correct. 1 point = contain some correct information but some information is either missing or incorrect. On critical thinking

questions the right idea will also earn 1 point. 0 point = the answer showed little to no thought and/or contains no correct information.

3. Tests/Quizzes will be entered using points. Each test point holds equal weight and each quiz point holds equal weight.
4. Participation will be entered once at the end of each trimester. The participation grade will be determined by homework completion, in class participation, behavior and effort.