# **ELL Life Science Syllabus**

**Instructor:** Mrs. Dawn Lewis

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**Extra Help Night:** Mondays or by appointment during lunch or after school

**Text:** Concepts and Challenges Life Science Book

**Course Materials:** Pocket folder/binder, pens/pencils, notebook and a highlighter

**Course Description:** This is a survey course that introduces concepts that will be studied in Biology. They include the following topics:

# The Basics of Life

1. Characteristics of Living Things
2. Cell Structure and Function
3. Prokaryotic vs. Eukaryotic
4. Heredity and Genetics
5. Evolution
6. The Plant Kingdom
7. Types of Plants
8. Plant Structure and Function
9. Photosynthesis to include a review of the water cycle and how the carbon-oxygen cycle relates to photosynthesis
10. The Animal Kingdom
11. Vertebrate vs. Invertebrate
12. Human Systems and their function
13. Cellular Respiration to include a review of the water cycle and how the carbon-oxygen cycle relates to cellular respiration
14. Interactions between organisms and the environment
15. Biomes, food chains and food webs
16. Environmental issues

Assessment: Your nine weeks grade will be determined by the following formula:

 Tests and quizzes 40%

 Labs and Participation 25%

Classwork 25%

Homework 10%