

Syllabus

Course Title: Life Science

Grade: 7th

DESCRIPTION OF COURSE: Seventh Grade Life Science is designed to teach basic concepts and skills in biology. In the classroom and the laboratory setting students will engage in a variety of activities designed to help them understand topics such as cells, genetics, organs and organ systems, adaptations, and classification. The sequence of the course is designed to reinforce the pattern of organization in living things, starting with the cell level and working up to the structure and function of multi-cellular living things. Scientific inquiry will be encouraged as students make first hand observations, set up and collect data from a variety of experiments, and learn how to grow cultures of different organisms. In the laboratory setting students will learn to use compound microscopes, as well as other necessary equipment.

REQUIRED TOPICS OF STUDY	SUGGESTED INTRUCTIONAL TIME	STANDARDS/ ELIGIBLE CONTENT
NOS – Scientific Explanations	2 weeks	3.2.7A / 3.2.7B / 3.3.7A / 3.7.7B / 4.1.7F
Unit # 1 Life: Structure and Function	8 weeks	3.3.7A / 3.3.7B / 3.3.7C / 3.3.7D / 3.1.7B
Unit #2 From Bacteria to Plants	8 weeks	3.1.7.A / 3.1.7B / 3.1.7C
Unit # 3 Animals	4 weeks	3.3.7A / 3.3.7B / 3.4.7B
Unit # 4 Human Body Systems	3 weeks	3.3.7A / 3.3.7B /
Unit # 5 Interactions of Life	7 weeks	4.1.7A / 4.1.7B / 4.1.7C / 4.1.7D / 4.1.7E

RESOURCES:

Textbook: Life I Science
McGraw-Hill: 2012
Teacher Made Labs
Handouts and review materials

Rev: June 2015