

7th Grade-Life Science Syllabus
2016-2017

Montpelier High-school
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Course Description:

Life Science is a 7th grade course that provides students with the opportunity to learn that Life science is the study of living things. The **life sciences** comprise all fields of science that involve the scientific study of living organisms, like plants, animals, and human beings.

Objective: Understanding of environmental and global issues which effect our world. Emphasis will be placed on skill development to provide students with the basic tools they need to be successful in the course.

Text Book and Materials:

Glencoe Science: Life iScience

1 Spiral Notebook

Black/Blue pen

Pencil

Portable flashdrive

Student Agenda

Evaluation and Assessment

A test will be given every two weeks

There will also be a pre and post test every nine weeks.

Grade Scale

100-94 A

93-88 B

87-80 C

79-74 D

73 and below F

Planning Period: 10:26—11:16

Scope and Sequence:

1 st Nine Week	
<ul style="list-style-type: none"> • Review/Pre-test • LS.1 • LS.2 • LS.3 • LS.1 - LS.3 	<ul style="list-style-type: none"> • Review/Pre-test • Scientific Inquiry: Experimental Design • Select Science Fair Topic • Cells: Theory, Structures, Plant and Animal • Cells: Organization, Functions & Processes • Review/Reteach/Benchmark Assessment

2 nd Nine Week	
<ul style="list-style-type: none"> • LS.13 • LS.5 • LS.4a, c & LS.11a • LS.6 • LS.4, 5, 6, 11 • LS.4, 5, 6, 11 	<ul style="list-style-type: none"> • Organisms: Reproduction and Genetics • Organisms: Classification • Organisms: Plant Needs, Processes & Responses • Photosynthesis: Physical and Chemical Processes • Scientific Inquiry: Book Reports,

3 rd Nine Weeks	
<ul style="list-style-type: none"> • LS.4b & LS.11 • LS.7 • LS.8 & LS.11b, c • LS.9 • LS.4, 7, 8, 9, 11 	<ul style="list-style-type: none"> • Organisms: Animal Needs and Responses • Ecosystems: Relationships and Energy Flow • Population: Interactions and Change • Population: Biological Community • Science Fair/Metro

	Richmond/VJAS <ul style="list-style-type: none"> • Review/Evaluate/Benchmark Assessment
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4th Nine Weeks	
<ul style="list-style-type: none"> • LS.10 & LS.11 • LS.14 • LS.12 • LS.2 - LS.14 • LS.1 - 14 	<ul style="list-style-type: none"> • Adaptations and Change • Organisms: Change • Ecosystems: Human Interactions and Dynamics • Scientific Inquiry: Book Reports, Research Papers, PowerPoint/Technology Projects • Review/Evaluate/Assessment