

Content: Science
Grade Level: 7
Team Members: Hanchey, Snipes
Testing Totals: 12
Unit CFA's: 9
District: 3

QUARTER 1

Dates	Unit Title	Objectives
CFA date: September 19-20	Unit 1: Scientific Investigation	LS.1f: Dependent variables, independent variables, and constants LS.1a: Data tables LS.1c: Instruments to gather data LS.1b: Classification Systems LS.1g: Controlled variables and repeated trials LS.1i: Patterns in data LS.1e: Identify sources of experimental error
CFA date: October 9-10	Unit 2: Basics of Life (Cell Theory and Structure)	LS. 2b: Plant and animal cells LS. 2a: Cell structure & organelles LS. 2c: Cell theory
Testing Window October 30th to November 13th	District Benchmark Assessment	Quarter 1 Objectives

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QUARTER 2

Dates	Unit Title	Objectives
<p style="text-align: center;">CFA date: November 7-8</p>	<p style="text-align: center;">Unit 3: Cell Division, Organization, Genetics</p>	<p>LS. 2d: Cell division LS. 3a: Cells, tissues, organs, and systems LS. 3b: Cellular organization LS.12a: Structure and role of DNA LS.12b: Genes and chromosome LS.12c: Genotype and Phenotype LS.12d: Characteristics acquired and inherited LS.12e: Genetic Engineering LS.12f: Historical contributions</p>
<p style="text-align: center;">CFA date: November 25-26</p>	<p style="text-align: center;">Unit 4: Evolution</p>	<p>LS.13a: Mutation, adaptation, natural selection, and extinction LS.13b: Fossil record LS.13c: Diversity of organisms</p>
<p style="text-align: center;">CFA date: December 18-19</p>	<p style="text-align: center;">Unit 5: Classification</p>	<p>LS.4a: Domains of organisms LS.4b: Kingdoms of organisms LS.4c: Major animal phyla and plant divisions LS.4d: Characteristics that define a species</p>
<p style="text-align: center;">Testing Window January 15th to January 31st</p>	<p style="text-align: center;">District Benchmark Assessment</p>	<p style="text-align: center;">Quarter 2 Objectives</p>

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Dates	Unit Title	Objectives
<p style="text-align: center;">CFA date: January 16-17</p>	<p style="text-align: center;">Unit 6: Photosynthesis and Natural Cycles</p>	<p>LS.5a: Sunlight and chlorophyll LS.5b: Transformation of water and carbon dioxide into sugar and oxygen LS.5c: Photosynthesis as the foundation of food webs LS.6a: Carbon, water, and nitrogen cycles</p>
<p style="text-align: center;">CFA date: February 27-28</p>	<p style="text-align: center;">Unit 7: Biomes and Ecosystems</p>	<p>LS.6b: Flow of energy and matter throughout a system LS.6c: Terrestrial, freshwater, and marine ecosystems LS.6d: Food webs and energy pyramid LS. 9a: Ecosystems and biomes LS.9b: Land, marine, and freshwater ecosystems LS.9c: Adaptations LS.10a: Phototropism, hibernation, and dormancy</p>
<p style="text-align: center;">CFA date: April 8-9</p>	<p style="text-align: center;">Unit 8: Populations and Communities</p>	<p>LS.7a: Competition, cooperation, social hierarchy, territorial imperative LS.7b: Influence of behavior on a population LS.8a: Producers, consumers, and decomposers LS.8b: Predators and prey LS.8c: Competition and cooperation LS.8d: Symbiotic relationships LS.8e: Niches LS.10b: Factors that increase or decrease population size</p>
<p style="text-align: center;">Testing Window March 27th to April 10th</p>	<p style="text-align: center;">District Benchmark Assessment</p>	<p style="text-align: center;">Quarter 3 Objectives</p>

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Quarter 4

<p>CFA date: May 20-21</p>	<p>Unit 9: Human Impacts</p>	<p>LS.10c: Eutrophication, climate changes, and catastrophic disturbances LS.11a: Food production LS.11b: Changes in habitats LS.11c: Changes in species competition LS.11d: Population disturbances LS.11e: Environmental issues</p>
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Unit Title	Copy of Test to Department Chair	Test Administered to Students	Data Team Meeting	Data Packet Due to Department Chair
Unit 1: Scientific Investigation	9/13/19	9/19-20/19	9/27/19	9/30/19
Unit 2: Basics of Life (Cell Theory and Structure)	10/3/19	10/9-10/19	10/18/19	10/21/19
Unit 3: Cell Division, Organization, Genetics	11/1/19	11/7-8/19	11/15/19	11/18/19
Unit 4: Evolution	11/19/19	11/25-26/19	11/29/19	12/2/19
Unit 5: Classification	12/12/19	12/18-19/19	1/3/20	1/6/20
Unit 6: Photosynthesis	1/10/20	1/16-17/20	1/24/20	1/27/20
Unit 7: Biomes and Ecosystems	2/21/20	2/27-28/20	3/6/20	3/9/20
Unit 8: Populations and Communities	4/2/20	4/8-9/20	4/17/20	4/20/20
Unit 9: Human Impacts	5/14/20	5/20-21/20	5/29/20	6/1/20

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