Dates	Hilldale 7th Grade Science	Assessment
	First Nine-Weeks	
8/14/20-9/3/20	**Scientific Processes**	Scientific Processes Vocab. Quiz and Unit Test
9/4/20-9/22/20	**Plants MS-LS1-4, MS-LS1-5**	Plants Vocab. Quiz and Unit Test
9/23/20-10/8/20	**Animal Life Processes MS-LS1-4, MS-LS1-8, MS-LS4-3**	Animal Life Processes Vocab. Quiz and Unit Test
10/9/20-10/13/20	**Controlling Body Processes (Continued in 2nd Nine Weeks) MS-LS1-8, MS-LS4-3**	
	Standards: **MS-LS1-4: Use arguments to support an explanation for how animal behaviors and plant structures affect the probability of successful reproduction.** **MS-LS1-5: Explain how environmental and genetic factors influence the growth of organisms.** **MS-LS1-8: Synthesize information that sensory receptors respond to stimuli by sending messages to the brain for immediate behavior or storage as memories.** **MS-LS4-3: Compare patterns of similarities in the embryological development across multiple species to identify relationships not evident in the fully formed anatomy.**	Benchmark Test #1 (MS-LS1-4, MS-LS1-5)
	Second Nine-Weeks	
10/19/20-10/23/20	**Controlling Body Processes (Continued from 1st Nine Weeks) MS-LS1-8, MS-LS4-3**	Controlling Body Processes Vocab. Quiz and Unit Test
10/26/20-11/11/20	**Genetics: The Study of Heredity MS-LS3-2**	Genetics Vocab. Quiz and Unit Test
11/12/20-12/3/20	**DNA: The Code of Life MS-LS3-1, MS-LS4-5**	DNA Vocab. Quiz and Unit Test
12/4/20-12/11/20	**Change Over Time MS-LS4-3, MS-LS4-4, MS-LS4-6**	Change Over Time Vocab. Quiz and Unit Test
12/14/20-12/17/20	**Semester Test Review**	Semester Test

	Standards: **MS-LS1-8: Synthesize information that sensory receptors respond to stimuli by sending messages to the brain for immediate behavior or storage as memories.** **MS-LS3-1: Describe why structural changes to genes may affect proteins and may result in harmful, beneficial, or neutral effects to the structure and function of the organism.** **MS-LS3-2: Describe why asexual reproduction results in offspring with identical genetic information and sexual reproduction results in offspring with genetic variation.** **MS-LS4-3: Compare patterns of similarities in the embryological development across multiple species to identify relationships not evident in the fully formed anatomy.** **MS-LS4-4: Describe how genetic variation of traits in a population increase some individuals' probability of surviving and reproducing in a specific environment.** **MS-LS4-5: Gather information about the technologies that have changed the way humans influence the inheritance of desired traits in organisms.** **MS-LS4-6: Support explanations of how natural selection may lead to increases an decreases of specific traits in populations over time.**	Benchmark Tests #2 (MS-LS1-4, MS-LS1-8, MS-LS4-3)and #3 (MS-LS3-1, MS-LS-3-2, MS-LS4--5)
	Third Nine-Weeks	
1/4/21-1/20/21	**Earth, Moon, and Sun MS-PS2-4, MS-ESS1-1**	Earth, Moon, and Sun Vocab. Quiz and Unit Test
1/21/21-2/5/21	**The Solar System MS-ESS1-1, MS-ESS1-2, MS-ESS1-3**	The Solar System Vocab. Quiz and Unit Test
2/8/21-2/22/21	**The Atmosphere MS-ESS2-5, MS-ESS2-6**	The Atmosphere Vocab. Quiz and Unit Test
2/23/21-3/10/21	**Weather MS-ESS2-5, MS-ESS2-6**	Weather Vocab. Quiz and Unit Test

	Standards: **MS-PS2-4: Use evidence to support the claim that gravitational interactions are attractive and depend on the masses of interacting objects.** **MS-ESS1-1: Use a model of the Earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.** **MS-ESS1-2: Use a model to describe the role of gravity in the motions within galaxies and the solar system.** **MS-ESS1-3: Determine scale properties of objects in the solar system.** **MS-ESS2-5: Provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions.** **MS-ESS2-6: Describe how unequal heating and rotation of the Earth causes patterns of atmospheric and oceanic circulation that determine regional climates.**	Benchmark Test #4 (MS-LS4-3, MS-LS4-4, MS-LS4-6, MS-ESS1-1, MS-ESS1-2, MS-ESS1-3) and #5 (MS-ESS2-5, MS-ESS2-6)
	Fourth Nine-Weeks	
3/11/21-3/31/21	**Climate and Climate Change MS-ESS2-6**	Climate Change Vocab. Quiz and Unit Test
4/1/21-4/19/21	**Introduction to Matter MS-PS1-2, MS-PS2-4**	Intro. to Matter Vocab. Quiz and Unit Test
4/20/21-5/12/21	**Atoms and Bonding MS-PS1-1**	Atoms and Bonding Vocab. Quiz and Unit Test
5/13/21-5/18/21	**Semester Test Review**	Semester Test
	Standards: **MS-ESS2-6: Describe how unequal heating and rotation of the Earth causes patterns of atmospheric and oceanic circulation that determine regional climates.** **MS-PS1-1: Describe the atomic composition of simple molecules and extended structures.** **MS-PS1-2: Interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.** **MS-PS2-4: Use evidence to support the claim that gravitational interactions are attractive and depend on the masses of interacting objects.**	Benchmark Test #6 (MS-ESS2-6, MS-PS1-2, MS-PS2-4)