

Quarter 1			Quarter 2			Quarter 3			Quarter 4			
Human Body- Part 1- Structures and Functions - 25 days	5.L.1.1 Explain why some organisms are capable of surviving as a single cell while others require many cells that are specialized to survive.	5.L.1.1 Cells		Unit: Ecosystems (Part 2) – The Earth (Q2P2) -35 days	5.L.2.1 Compare the characteristics of several common ecosystems, including estuaries and salt marshes, oceans, lakes and ponds, forests, and grasslands).	5.L.2.1-Biomes	Weather – (Q3P2)- 30 days	5.E.1.1 Compare daily and seasonal changes in weather conditions (including wind speed and direction, precipitation, and temperature) and patterns.	5.E.1.1 Weather Instruments	Matter, Properties, & Change (Q4P1)-	5.P.2.2 Compare the weight of an object to the sum of the weight of its parts before and after an interaction.	5.P.2.2 Sum of Weight
	5.L.1.2 Compare the major systems of the human body (digestive, respiratory, circulatory, muscular, skeletal, and cardiovascular) in terms of their functions necessary for life.	5.L.1.2. Movement Group	5.L.1.2 Energy Group		5.L.2.2 Classify the organisms within an ecosystem according to the function they serve: producers, consumers, or decomposers (predator/prey, competition, abiotic/biotic factors, food chain/web, and energy pyramid).	5.L.2.2 & 5.L.2.3 Ecosystems		5.E.1.2 Predict upcoming weather events from weather data collected through observation and measurements.	5.E.1.2 Weather Clouds /Fronts/Pressure		5.P.2.3 Summarize properties of original materials, and the new material(s) formed, to demonstrate that a change has occurred.	5.P.2.3 Properties of Matter
		5.L.1.2 Nervous System			5.L.2.3 Infer the effects that may result from the interconnected relationship of plants and animals to their ecosystem (Carbon Dioxide – Oxygen Cycle)			5.E.1.3 Explain how global patterns such as the jet stream and water currents influence local weather in measurable terms such as temperature, wind direction and speed, and precipitation.	5.E.1.1 Global Weather Patterns		Matter, Properties, & Change (Q4P2)-	5.P.1.1 Explain how factors such as gravity, friction, and change in mass effect the motion of objects.
Human Body (Part 3) - Genetics- 15 days	5.L.3.1 Explain why organisms differ from or are similar to their parents based on the characteristics of the organism	5.L.3.1 & 5.L.3.2 Genetics		Ecosystems – Water Cycle (Q3P1)- 5 days	5.P.2.1 Explain how the sun's energy impacts the processes of the water cycle (including, evaporation, transpiration, condensation, precipitation and runoff).	5.P.2.1 & 5.P.2.3 Water Cycle		5.E.1.3 Local Wind Patterns/Land and Sea Breezes			5.P.1.2 Infer the motion of objects in terms of how far they travel in a certain amount of time and the direction in which they travel.	5.P.1.2 & 5.P.1.3 & 5.P.1.4 Measure & Graph Motion over time
	5.L.3.2 Give examples of likenesses that are inherited and some that are not.				5.P.2.2 Compare the weight of an object to the sum of the weight of its parts before and after an interaction.			5.E.1.3 Jet Stream/Gulf Stream/ El Nino/La Nina (5.E.1.3)		5.P.1.3 Illustrate the motion of an object using a graph to show a change in position over a period of time.		
					5.P.2.3 students know that by making qualitative and quantitative data records we are able to create before/after representations of materials and their properties so that we can compare before/after versions of materials.					5.P.1.4 Predict the effect of a given force or a change in mass on the motion of an object.		
				Conservation & Transfer (Q3P3a)- 5 days	5.P.3.1 Explain the effects of the transfer of heat (either by direct contact or at a distance) that occurs between objects at different temperatures. (conduction, convection or radiation)	5.P.3.1 & 5.P.3.2 Heat Transfer						
					5.P.3.2 Explain how heating and cooling affect some materials and how this relates to their purpose and practical applications.							