

Fifth Grade Science Scope and Sequence

Theme	Motion & Design			Human Body Systems		
Standards	5.P.1 5.P.1.1 5.P.1.2 5.P.1.3 5.P.1.4	5.P.2 5.P.2.2 5.P.2.3		5.L.1 5.L.1.1 5.L.1.2		5.L.3 5.L.3.1 5.L.3.2
Unit Concept	Big Idea: Factors such as gravity, friction, or a change in mass affect the motion of objects.			Big Idea: Some traits are learned while others are inherited. Inherited traits are passed from one generation to the next. The body is comprised of many systems which perform specific functions necessary for life. These systems include the respiratory, digestive, circulatory, skeletal, and muscular systems.		
Lesson Storyline	Motion & Design			Human Body Systems		
Helpful Links	<ul style="list-style-type: none"> • Force & Motion • Gravity & Inertia 			<ul style="list-style-type: none"> • Circulatory System • Respiratory System • Nervous System • Digestive System 		<ul style="list-style-type: none"> • Heredity • The Human Body
Theme	Investigating Weather Systems			Ecosystems		
Standards	5.E.1 5.E.1.1 5.E.1.2 5.E.1.3	5.P.2 5.P.2.1	5.P.3 5.P.3.1 5.P.3.2	4.L.1 4.L.1.3	5.L.1 5.L.1.1 5.L.2 5.L.2.1 5.L.2.2 5.L.2.3	5.P.3 5.P.3.1
Unit Concept	Big Idea: Weather data can be collected and used to compare weather patterns and to predict upcoming weather events. Local (NC) weather is influenced by the Jet Stream, global wind patterns, and the Gulf Stream. This unit of also includes the water cycle and a study of heat transfer.			Big Idea: Common ecosystems, including estuaries, oceans, lakes and ponds, forests, and grasslands, have distinct characteristics. Organisms in an ecosystem can be classified as producers, consumers, or decomposers. Humans can adapt their behavior in order to conserve natural resources (e.g., recycling).		
Lesson Storyline	Investigating Weather Systems			Ecosystems		
Helpful Links	<ul style="list-style-type: none"> • Weather & Climate • Seasons • A Day on Earth • Clouds & Precipitation • Weather Instruments • Air Pressure & Wind 		<ul style="list-style-type: none"> • Air Masses & Fronts • Waves & Currents • The Water Cycle • Severe Storms • Heat 	<ul style="list-style-type: none"> • Ecosystems • Photosynthesis • Aquatic Ecosystems • Changes in Ecosystems • Biomes 		<ul style="list-style-type: none"> • Food Chains • Food Webs • Population Growth

** This scope and sequence reflects the WCPSS recommended sequence of science kits however, the science kits can be taught in any order based on the total number of science kits available at the school and the decision of the grade level PLT.*