

Science: Grade 3

UNIT/Weeks	Timeline/Topics	Essential Questions
1.6	<p><u>Weather and Climate</u></p> <ul style="list-style-type: none"> • Weather Changes • Different Climates 	<ul style="list-style-type: none"> • How does weather change? • How do climates vary in different regions of the world?
1.6	<p><u>Force and Motion</u></p> <ul style="list-style-type: none"> • Motion • Forces Can Change Motion • Simple Machines 	<ul style="list-style-type: none"> • How can you tell whether something is moving? • How do forces change motion? • How do simple machines make work easier?
1.6	<p><u>Electric and Magnetic Forces</u></p> <ul style="list-style-type: none"> • Electricity • Magnets 	<ul style="list-style-type: none"> • How does electric force affect objects? • How can you use a magnet?
1.6	<p><u>Parents and Offspring</u></p> <ul style="list-style-type: none"> • Life Cycle of Plants • Life Cycle of Animals • Inherited and Learned Traits 	<ul style="list-style-type: none"> • How are life cycles of plants similar? • How are life cycles of animals similar? • What affects an organism's traits?
1.6	<p><u>Survival</u></p> <ul style="list-style-type: none"> • Animal Group Survival • Adaptations • Natural Selection 	<ul style="list-style-type: none"> • How does being a part of a group help animals survive? • How do adaptations help plants and animals survive? • How do variations in traits provide advantages for survival?
1.6	<p><u>Changes in Ecosystems</u></p> <ul style="list-style-type: none"> • Changes Affect Living Things • Natural Hazards Change Environments • Humans and Natural Hazards 	<ul style="list-style-type: none"> • How do changes in the ecosystem affect the things that live there? • What are natural hazards and how can they change environments?

		<ul style="list-style-type: none">• How can humans reduce the impact of natural hazards?
1.8	<p><u>Learn From The Past</u></p> <ul style="list-style-type: none">• Things from Long Ago• Fossils	<ul style="list-style-type: none">• What causes organisms to become extinct?• What can we learn from fossils?