

Science: Grade 1

UNIT/Weeks	Timeline/Topics	Essential Questions
1.6	<p><u>Sound and Energy</u></p> <ul style="list-style-type: none"> • Sound • Making Sound 	<ul style="list-style-type: none"> • How is sound made? • How does sound change?
1.6	<p><u>Light Energy</u></p> <ul style="list-style-type: none"> • Light and Shadows • Properties of Light • How Light Travels 	<ul style="list-style-type: none"> • What is light? • How can light bounce off objects? • How does light travel through different materials?
1.6	<p><u>Use Energy to Communicate</u></p> <ul style="list-style-type: none"> • Communicate with Light and Sound • Communicate with Technology 	<ul style="list-style-type: none"> • How do we use light and sound to communicate? • How has communication changed over time to make people's lives easier?
1.6	<p><u>Plants and Animals</u></p> <ul style="list-style-type: none"> • Living and Nonliving Things • Parts of Plants • Parts of Animals • Plant and Animal Survival 	<ul style="list-style-type: none"> • How are living and nonliving things different? • How do different parts of a plant help it live? • How do body parts help animals? • How can plant and animal parts help us solve human problems?
1.6	<p><u>Offspring and Their Parents</u></p> <ul style="list-style-type: none"> • Plants Grow and Change • Plants and Their Parents • Compare Animals • Animals and Their Parents • Offspring and Survival 	<ul style="list-style-type: none"> • How do plants grow and change? • How are plants like their parents? • How are animals alike and different? • How are young animals like and unlike their parents? • How do animal offspring survive?

1.6	<u>Earth and Space</u> <ul style="list-style-type: none">• Day and Night• Seasonal Patterns• The Moon• The Sun and Stars	<ul style="list-style-type: none">• What causes the pattern of day and night?• What causes the seasons?• Why does the Moon seem to change?• How can you describe the Sun and the stars?
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