

1st Grade Science Curriculum Map

| Standards | Content | Skills/Practices | Materials/ Resources | Assessments (All) Daily/Weekly/ Benchmarks | Timeline (Months/Weeks /Days) |
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| 1-LS1-1 | Design from Nature- Parts of Animals (LS1.A (1)) | Use materials to design a device that solves a specific problem or a solution to a specific problem. The shape and stability of structures of natural and designed objects are related to their function(s). | Please see the teacher manual. | Daily guided practice Concept attainment quiz | 3 Weeks |

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| 1-LS1-1 | Design from Nature- Animal Survival (LS1.D) | <p>Use materials to design a device that solves a specific problem or a solution to a specific problem.</p> <p>The shape and stability of structures of natural and designed objects are related to their function(s).</p> | Please see the teacher manual. | Daily guided Concept attainment quiz | 3 Weeks |
| 1-LS1-1 K-2-ETS1-1 | Design from Nature- Parts of Plants (LS1.A) | Use materials to design a device that solves a specific problem or a solution to a specific | Please see the teacher manual. | Daily guided practice Concept attainment quiz | 3 Weeks |

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| | | <p>problem.</p> <p>The shape and stability of structures of natural and designed objects are related to their function(s).</p> | | | |
| <p>1-LS1-1 K-2-ETS1-3</p> | <p>Design from Nature- Plant Survival (ILS1.D)</p> | <p>Use materials to design a device that solves a specific problem or a solution to a specific problem.</p> <p>The shape and stability of structures of natural and designed objects are related to their function(s).</p> | <p>Please see the teacher manual</p> | <p>Daily guided practice Concept attainment quiz</p> | <p>3 Weeks</p> |
| <p>1-LS1-2</p> | <p>Parents and Their Offspring- Protecting the Young (LS1.B)</p> | <p>Read grade-appropriate texts and use media to obtain scientific information to determine patterns in the natural world.</p> <p>Patterns in the natural world can be observed, used to</p> | <p>Please see the teacher manual.</p> | <p>Daily guided practice Concept attainment quiz</p> | <p>3 weeks</p> |

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| | | describe phenomena, and used as evidence. | | | |
| 1-LS3-1 | Parents and Their Offspring- Animal Trait Inheritance and Variation | <p>Make observations (firsthand or from media) to construct an evidence-based account for natural phenomena.</p> <p>Patterns in the natural world can be observed, used to describe phenomena, and used as evidence.</p> | Please see the teacher manual. | Daily guided practice Concept attainment quiz | 2 weeks |
| 1-LS3-1 | Parents and Their Offspring- Plant Trait Inheritance and Variation (LS3.A, LS3.B) | <p>Make observations (firsthand or from media) to construct an evidence-based account for natural phenomena.</p> <p>Patterns in the natural world can be observed, used to describe phenomena, and used as evidence.</p> | Please see the teacher manual. | Daily guided practice Concept attainment quiz | 2.5 weeks |
| 1-LS3-1 | Patterns in the Sky- Seasonal | Make observations (firsthand or from | Please see the teacher manual. | Daily guided practice Concept attainment quiz | 2.5 weeks |

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| | Patterns (LS3.A, LS3.B) | <p>media) to collect data that can be used to make comparisons.</p> <p>Patterns in the natural world can be observed, used to describe phenomena, and used as evidence.</p> | | | |
| 1-ESS1-1 | Patterns in the Sky: Patterns in Space (ESS1.A) | <p>Use observations (firsthand or from media) to describe patterns in the natural world in order to answer scientific questions.</p> <p>Patterns in the natural world can be observed, used to describe phenomena, and used as evidence.</p> | Please see the teacher manual. | Daily guided practice Concept attainment quiz | 2.5 weeks |
| 1-PS4-1 K-2-ETS1-2 | Communicating with Light and Sound- Sound | Plan and conduct investigations collaboratively to produce data to serve as the basis for evidence to answer a question. | Please see the teacher manual. | Daily guided practice Concept attainment quiz | 2.5 weeks |

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| | | Simple tests can be designed to gather evidence to support or refute student ideas about causes. | | | |
| 1-PS4-2 1-PS4-3 | Communicating with Light and Sound- Behavior of Light (PS4.B [1] PS4.B [2]) | <p>Make observations (firsthand or from media) to construct an evidence-based account for natural phenomena.</p> <p>Plan and conduct investigations collaboratively to produce data to serve as the basis for evidence to answer a question.</p> <p>Simple tests can be designed to gather evidence to support or refute student ideas about causes.</p> | Please see the teacher manual. | Daily guided practice Concept attainment quiz | 2.5 weeks |
| 1-PS4-4 K-2-ETS1-1 K-2-ETS1-2 K-2-ETS1-3 | Communicating with Light and Sound- Communication (PS4.C) | <p>Use tools and materials provided to design a device that solves a specific problem.</p> <p>Influence of</p> | Please see the teacher manual. | Daily guided practice Concept attainment quiz | 2.5 weeks |

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| | | Engineering, technology, and science, on society and the natural world. People depend on various technologies in their lives; human life would be very different without technology. | | | |
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