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RI Grade Level and Grade Span Expectations K - 5	Target Grade Level	Recycle, Renew and Reuse 	Seed Starting 	Seed Diversity 	Native Mammals 	Worms & Decomposers 	Eco-systems and Climate Zones 	Native Birds 	Animal Signs 	Insects: Pollinators and Pests 	Water Cycle and Pollution Prevention  NEW!	Children's Nature Journal 
LS1 Life Sciences All living organisms have identifiable structures and characteristics that allow for survival.												
exploring physical characteristics and biodiversity. <ul style="list-style-type: none"> ➤ Distinguish between living and non-living things. ➤ Identify, sort and compare external features. ➤ Recognize how physical adaptations help an organism to survive in its environment. ➤ Understand the different roles that organisms play in their environment, and how each contributes to the survival and stability of the ecosystem. 	K - 5											
structure and function-survival requirements. <ul style="list-style-type: none"> ➤ Observe what plants need to grow and reproduce. ➤ Observe what animals need to grow and reproduce. ➤ Describe structures and behaviors that help organisms survive in their environment. 	K - 5											
physical structures needed for survival. <ul style="list-style-type: none"> ➤ Identify and explain how different physical structures function in plants and animals. ➤ Understand the structures that help populations of plants and animals survive in a particular habitat or environment. 	K - 4											

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LS 2 Life Sciences Matter cycles and energy flows through an ecosystem.												
energy and equilibrium. <ul style="list-style-type: none"> ➤ Understand that all living things need energy to survive. ➤ Identify where plants and animals get their energy from. ➤ Understand how relationships between plants and animals maintain the equilibrium in an ecosystem. 	K - 5											
How plants and animals depend on each other. <ul style="list-style-type: none"> ➤ Understand that the sun is the major source of energy for life. ➤ Use a food web to show how basic needs are met by an organisms' habitat or environment. 	K - 5				New!	New!	New!	New!				New!
ESS 1 Earth earth materials have developed over long periods of time, through continual change processes												
Water interactions and the water cycle <ul style="list-style-type: none"> ➤ Conduct investigations and use observational data to describe how water moves rocks and soils ➤ Diagram, label and explain the processes of the water cycle ➤ Explain how condensation of water vapor forms clouds ➤ Observe how clouds are related to forms of precipitation 	3-5											
W Written and Oral Communication Habit of Writing												
<ul style="list-style-type: none"> ➤ Write with frequency, including out-of-school. ➤ Share thoughts, observations, and impressions. <ul style="list-style-type: none"> ○ Journal writing ○ Scientific observations 	3 - 5											

W Written and Oral Communication												
Narrative Writing												
➤ Use pictures and/or words to create an understandable story line.	K - 5											
W Written and Oral Communication												
Informational Writing												
➤ Using pictures and/or words, organize ideas and concepts using appropriate facts and ideas.	K - 5											
BONUS! Environmental Stewardship: Recycling and Water Pollution												
➤ Understand that the choices we make today will impact our world tomorrow.	K - 5											<i>New!</i>