KINDERGARTEN
Interdependent Relationships in Ecosystems: Animals, Plants and their Environment

K-LS1-1.	Use observations to describe patterns of what plants and animals need to survive.
K-ESS2-2.	Construct an argument supported by evidence for how plants and animals can change the environment to meet their needs.
K-ESS3-1.	Use a model to represent the relationship between the needs of different plants or animals and the places they live.
K-ESS3-3.	Communicate solutions that will reduce the impact of humans on the land, water, air and/or other living things.

Science and Engineering Practice	Core Ideas	Crosscutting Concepts
Analyzing and Interpreting Data	LS1.C: Organizing for Matter and Energy Flow in Organisms ESS2.E: Biogeology ESS3.A: Natural Resources ESS3.C: Human Impacts on Earth Systems ETS1.B: Developing Possible Solutions	Patterns Systems and System Models

FIRST GRADE
Structure, Function, and Information Processing

1-LS1-1.	Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.
1-LS1-2.	Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.
1-LS3-1.	Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.

Science and Engineering Practice	Core Ideas	Crosscutting Concepts
Constructing Explanations and Designing Solutions Obtaining, Evaluating and Communicating Information	LS1.A: Structure and Function LS1.B: Growth and Development of Organisms LS1.D: Information Processing	Patterns Structure and Function

SECOND GRADE
Interdependent Relationships in Ecosystems

2-LS4-1.	Make observations of plants and animals to compare the diversity of life in different habitats.

Science and Engineering Practice	Core Ideas	Crosscutting Concepts
Planning and Carrying Out Investigations	LS4.D: Biodiversity and Humans	Structure and Function