OSSD Scope & Sequence: Science Grade K

Scope & Sequence (S&S) is an overview of the skills and content covered in your curriculum at each class/instructional level. It provides an overview of the length of time (scope) and the order (sequence) in which key content will be taught. This template is intended to help develop a S&S for one class/instructional level.

Grade Level(s): K
Content Area and/or Course Title: Science

Unit Title	Time/Term	Focus Standards from NGSS
Interdependent Relationships in Ecosystems: Animals, Plants & Their Environment	**Trimester 1**	**K-LS1-1.** Use observations to describe patterns of what plants and animals (including humans) need to survive. **K-ESS2-2.** Construct an argument supported by evidence for how plants and animals (including humans) 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 (including humans) 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 in the local environment.
Forces & Interactions: Pushes & Pulls	**Trimester 2**	**K-PS2-1.** Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object. **K-PS2-2.** Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull.
Weather and Climate	**Trimester 3**	**K-PS3-1.** Make observations to determine the effect of sunlight on Earth's surface. **K-PS3-2.** Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area. **K-ESS2-1.** Use and share observations of local weather conditions to describe patterns over time.

		K-ESS3-2. Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather.