OSSD Scope & Sequence: Science Grade 3

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): 3
Content Area and/or Course Title: Science

Unit Title	Time/Term	Focus Standards from NGSS
Interdependent Relationships in Ecosystems	**Trimester 1 Unit 1**	**3-LS2-1.** Construct an argument that some animals form groups that help members survive. **3-LS4-1.** Analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago. **3-LS4-3.** Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all. **3-LS4-4.** Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.
Inheritance & Variation of Traits: Life Cycles and Traits	**Trimester 2 Unit 2**	**3-LS1-1** I can create models to show that organisms' life cycles are both similar and different. **3-LS3-1** I can use data to show that many characteristics of organisms are inherited from their parents. I can recognize that these characteristics can vary in a group. **3-LS3-2.** I can use evidence to explain how traits are affected by the environment. **3-LS4-2** I can use evidence to explain how some differences in characteristics between individuals of the same species provide advantages in surviving, finding mates, and reproducing.
Forces & Interactions	**Trimester 2 Unit 3**	**3-PS2-1** I can plan and conduct an investigation to show the effects of forces on the motion of an object. **3-PS2-2** I can use observed and measured patterns of an object's motion to predict future motion.

		3-PS2-3 I can understand the electric and magnetic relationships between two objects not touching. **3-PS2-3** I can design an experiment using magnets.
Weather & Climate	**Trimester 3 Unit 4**	**3-ESS2-1.** Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season. **3-ESS2-2.** Obtain and combine information to describe climates in different regions of the world. **3-ESS3-1.** Make a claim about the merit of a design solution that reduces the impacts of a weather-related hazard.