OSSD Scope & Sequence: Science Grade 1

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): 1
Content Area and/or Course Title: Science

Unit Title	Time/Term	Focus Standards from NGSS
Structure, Function and Processing	**Trimester 1**	**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.
Waves: Sound and Light	**Trimester 2**	**1-PS4-1.** Plan and conduct investigations to provide evidence that vibrating materials can make sound and that sound can make materials vibrate. **1-PS4-2.** Make observations to construct an evidence-based account that objects can be seen only when illuminated. **1-PS4-3.** Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light. **1-PS4-4.** Use tools and materials to design and build a device that uses light or sound to solve the problem of communicating over a distance.
Space Systems: Patterns and Cycles	**Trimester 3**	**1-ESS1-1.** Use observations of the sun, moon, and stars to describe patterns that can be predicted. **1-ESS1-2.** Make observations at different times of year to relate the amount of daylight to the time of year.