

## 1<sup>st</sup> Grade Science - GVCS Curriculum Map, 2023-24

Month	Standard/Learning Target	Program Materials/Resources	Vocabulary	Assessment
<i>October &amp; November</i>	1-PS4-1: Sound and Vibrating Materials 1-PS4-4: Communication Device Design	Lend Me Your Hears	Communication, device, echo, echolocation, invisible, materials, pitch, reflection, vibrate, vocal cords, volume, sound, sound waves, telephone, tonoscope	Make a model
<i>December</i>	K-2-ETS1-1: Engineering K-2-ETS1-2: Engineering K-2-ETS1-3: Engineering	Christmas Theme	Traditions, Christmas, holiday, celebration	Assemble/build Christmas items
<i>January &amp; February</i>	1-ESS1-1: Sun, Moon, and Star Patterns 1-ESS1-2: Seasonal Sunlight	It's Just a Phase	Constellation, crescent, east, full moon, gibbous, moon, new moon, north, phase, quarter moon, seasons, south, star, sun, sunrise	Oreo project
<i>March &amp; April</i>	1-LS1-1: Biomimicry Design Solution 1-LS1-2: Behavior – Parents and Offspring 1-LS3-1: Plants and Animal Structures	Traits and Behaviors	Behavior, camouflage, different, exactly, external, inherit, instinct, mimicking observation, offspring, parent, predator, similar, solution, survive, trait, variation	Design a solution to solve a human problem that mimics a plant or animal feature.
<i>May &amp; June</i>	1-PS4-2: Illumination and Darkness 1-PS4-3: Light and Materials	Watt's So Bright?	Illuminate, illumination, light, opaque, reflective, shadow, translucent, transparent	Design a device to help communicate with light by the concept of a lighthouse.