

Teacher Name: Allen

Grade Level: 1st

Class: 12:1:1 Science

2024-25 GVCS CURRICULUM MAP

Month	Standard/Learning Target	Program Materials/Resources	Vocabulary	Assessment	Pacing Guide
<i>September/October</i>	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 (firsthand or from media) 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.	Lend Me Your Hears – BOCES kit Advancing STEM  Watts So Bright? – BOCES kit Advancing STEM	Communication, device, echo, echolocation, invisible, materials, pitch, reflection, vibrate, vocal cords, volume, sound, sound waves, telephone, tonoscope  Illuminate, illumination, light, opaque, reflective, shadow, translucent, transparent	<ul style="list-style-type: none"><li>• Design a device &amp; build a model to help communicate with light by the concept of a lighthouse.</li><li>• Quick checks</li><li>• Worksheets</li></ul>	9/9/24-10/21/24
<i>November/December</i>	K-2-ETS1-1: Engineering K-2-ETS1-2: Engineering K-2-ETS1-3: Engineering	Holiday Theme	Tradition, holiday, assemble, create, device	<ul style="list-style-type: none"><li>• Design &amp; assemble various holiday objects</li><li>• Quick checks</li><li>• Worksheets</li></ul>	11/4/24-12/20/24

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<i>January</i>	Review/Catch Up	Scholastic Magazines		<ul style="list-style-type: none"><li>• Exit tickets</li><li>• Quick checks</li><li>• Worksheets</li></ul>	1/6/25-1/31/25
<i>February/March</i>	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 some young plants and animals are similar to, but not exactly like, their parents.	Brain Pop Generation Genius	Behavior, camouflage, different, exactly, external, inherit, instinct, mimicking observation, offspring, parent, predator, similar, solution, survive, trait, variation	<ul style="list-style-type: none"><li>• Design a solution to solve a human problem that mimics a plant or animal feature.</li><li>• Quick checks</li><li>• Worksheets</li><li>• Quizzes</li></ul>	2/10/25-3/31/25
<i>April/May</i>	1-ESS1-2. Make observations at different times of year to relate the amount of daylight to the time of year. 1-ESS1-1. Use observations of the Sun, moon, and stars to describe patterns that can be predicted.	It's Just a Phase – BOCES kit Advancing STEM	Constellation, crescent, east, full moon, gibbous, moon, new moon, north, phase, quarter moon, seasons, south, star, sun, sunrise	<ul style="list-style-type: none"><li>• Oreo moon phase model</li><li>• Quick checks</li><li>• Worksheets</li></ul>	4/7/25-5/19/25

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<i>June</i>	Review	Scholastic Magazines Brain Pop Generation Genius		<ul style="list-style-type: none"><li>• Exit tickets</li><li>• Quick checks</li><li>• Worksheets</li></ul>	6/1/25-EOY
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