

GVCS Curriculum Map: Self-Contained Middle School Science

Month	Standard/Learning Target	Program Materials/Resources	Vocabulary	Assessment	Pacing Guide
<i>September-November</i>	<p>Science: 5-PS1-1, 5-PS1-2, 5-PS1-3, 5-PS1-4</p> <p>ELA: 5W5, 5W6, 5W7</p> <p>Math: MP.2, MP.4, MP.5 5.NBT.1, 5.NF.7, 5.MD.1, 5. MD.3</p>	<p>Advancing STEM kit Lab Aids kit</p> <p>(5th) Advancing STEM: Chemistry in the Kitchen kit</p> <p>5th Grade investigation lab</p>	<p>5th: Engineer, Engineering Design Process, Conductivity, Conservation, Gas, Gram, Malleability, Mass, Matter, Properties, Solubility, Substance, Texture, Volume</p>	<p>Analysis Questions Formative assessments Test</p>	45 days
<i>November- January</i>	<p>Science: 5-LS1-1, 5-LS2-1, 5- PS3-1</p> <p>ELA: 5R1, 5R7, 5SL5, 5W1</p> <p>Math: MP.2, MP.4, MP.5, 5.MD.1</p>	<p>Advancing STEM kit Lab Aids kit</p> <p>(5th) <i>A Light Snack Lab Science BOCES Kit</i></p> <p>5th Grade investigation lab</p>	<p>5th: Ecosystem, Feces, Organism, System, Aquaponics, Closed System, Gram, Mass, Component, Energy, Matter, Photosynthesis, Carnivore, Consumer, Decomposer, Environment, Herbivore, Nutrients, Omnivore, Predator, Prey, Producer, Food Chain, Food Web, Disruption</p>	<p>Analysis Questions Formative Assessments Test</p>	45 days

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<i>January- March</i>	3-ESS2-1; 3-ESS2-2; 3-ESS2-3	NYS Science Investigation Weather and Climate: Cloud in a Bottle	Temperature, Compressed, Released, Visible, Hot, Cold, Conditions, Location, Scientific Explanation	Analysis Questions Formative assessments Test	45 days
<i>March- May</i>	Science: 5-ESS2-1, 5-ESS2-2, 5- ESS3-1, 5-ETS1-1 ELA: 5R7, 5W7, 5W8, 5SL5 Math: MP.2, MP.4, MP.5, 5.G.2, 3-5.OA	Advancing STEM it Lab Aids kit (5 th) Advancing STEM: Models of the Earth 5 th Grade investigation lab	5 th : Component, Organism, Scientific Phenomenon, Scientific Model, Trophic Cascade, Acid Rain, Coastal Erosion, Deforestation, Invasive Species, Rain Shadow, Snow Belt, Atmosphere, Biosphere, Geosphere, Hydrosphere, System, Freshwater, Glacier, Groundwater, Salt Water, Réservoir, Human Impact	Analysis Questions Formative assessments Test	45 Days
<i>May- June</i>	Science: 5-PS2-1, 5-Ess1-2, 3-5- ETS1-2, RI. 5.1, RI.5.7, RI.5.9, W.5.7, W.5.8, W.5.9 ELA: RI.5.1, RI.5.9, W.5.1 Math:	<i>Among the Stars: Earth and Space Systems Lab Science BOCES Kit</i>	Gravity, Force, Center of Mass, Gravitational Force, Gravity, Mass, Matter, Angle, Big Dipper, Constellation, Horizon, Latitude, Lunar Eclipse, Northern Hemisphere, North Pole, North Star, Optical Illusion, Polaris, Reflect,	Analysis Questions Formative assessments Test	30 days

