

Teacher Name: Dunham and Kelley

Grade Level: 5th

Class: Science

2025-26 GVCS CURRICULUM MAP

Month	Standard/ Learning Target	Program Materials/Resources	Vocabulary	Assessment	Writing
September- October 5 Weeks	<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>STEAM Team Building <i>Chemistry in the Kitchen Lab</i> <i>Science BOCES Kit</i></p>	<p>Engineer, Engineering Design Process, Gas Liquid, Mass Properties, Solid Substance, Volume Matter, Mixture Particles, Acid Base, Solubility Solution, Conservation, Rubric</p>	<p>Entrance Ticket, Exit Ticket, Observation, Engineering Design Unit Assessment</p>	<p>Summarize information from multiple sources.</p> <p>Write an argument to support claims.</p>
October 1 Week	<p>5-PS1-1; 5-PS1-2; 5-PS1-3; 5-PS1-4</p>	<p>NYS Science Investigation Structure and Properties of Matter: What's in the Bag?</p>	<p>Gas Liquid, Mass Properties, Solid Substance, Volume Matter, Mixture Particles, Acid Base, Solubility Solution, Conservation, Rubric</p>	<p>What's in the Bag? Investigation</p>	<p>Summarize information from multiple sources.</p> <p>Write an argument to support claims.</p>

<p>October- November 4 Weeks</p>	<p>Science: 5-ESS2-1, 5-ESS2-2, 5-ESS3-1, 5-ETS1-1</p> <p>ELA: 5R7, 5W7, 5W8, 5SL5</p> <p>Math: MP.2, MP.4, MP.5, 5.G.2, 3-5.OA</p>	<p>Models of the Earth Lab Science BOCES Kit</p>	<p>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</p>	<p>Entrance Ticket, Exit Ticket, Observation, Engineering Design Unit Assessment</p>	<p>Summarize information from multiple sources.</p> <p>Write an argument to support claims.</p>
<p>November 1 Week</p>	<p>Science 5-ESS3-1 , 3-5-ETS1-1</p> <p>ELA 5R7, 5W7, 5W8</p> <p>Math MP.2, MP.4, MP.5 , 3-5.OA</p>	<p>Models of the Earth: Engineering Design Challenge</p>	<p>Filter, Solution, Create, Cleaner, Clearer, Simple, Describe, Changes, Rubric</p>	<p>Entrance Ticket, Exit Ticket, Observation Engineering Design Challenge</p>	<p>Summarize information from multiple sources.</p> <p>Write an argument to</p>

					support claims.
November 1 Week	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	Cloud in a Bottle Science Investigation	
November- January 6 Weeks	Science: 5-LS1-1, 5-LS2-1, 5-PS3- 1 ELA: 5R1, 5R7, 5SL5, 5W1 Math: MP.2, MP.4, MP.5, 5.MD.1	<i>A Light Snack Lab Science BOCES Kit</i>	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	Entrance Ticket, Exit Ticket, Observation, Engineering Design Unit Assessment	Summarize information from multiple sources. Write an argument to support claims.

<p>January-March 6 Weeks</p>	<p>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</p> <p>ELA: RI.5.1, RI.5.9, W.5.1</p> <p>Math: 3.OA, MP.2, MP.4, MP.5</p>	<p><i>Among the Stars: Earth and Space Systems Lab Science BOCES Kit</i></p>	<p>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, Sphere, Orbit, Velocity, South Pole, Southern Hemisphere, Apparent, Celestial Objects, Little Dipper, Luminosity, Sirius, Star, Sun, Diameter, Model, Moon, Proportion, Scale, Scientific Notation, Relative, Absolute, Brightness, Proxima Centauri, Compass Rose, Horizontal, Pattern, Perpendicular,</p>	<p>Entrance Ticket, Exit Ticket, Observation, Engineering Design Unit Assessment</p>	<p>Summarize information from multiple sources.</p> <p>Write an argument to support claims.</p>
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			Shadow, Vertical, Percent, Phase, Apparent, Clockwise, Counter Clockwise, Myth, Accurate, Sundial, Opaque		
March 1 Week	<p>Science: 5-Ess1-2, 3-5-ETS1-2</p> <p>ELA: RI.5.1, RI.5.7, RI.5.9, W.5.7, W.5.8, W.5.9</p> <p>Math: 3.OA, MP.2, MP.4, MP.5</p>	Among the Stars: Engineering Design Challenge	Solution, Device, Time, Sundial, Observations, Hour Markers, Improve, Rubric	Entrance Ticket, Exit Ticket, Observation Engineering Design Challenge	<p>Summarize information from multiple sources.</p> <p>Write an argument to support claims.</p>
March-May 7 Weeks	<p>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</p> <p>ELA: RI.5.1, RI.5.9, W.5.1</p> <p>Math: 3.OA, MP.2, MP.4, MP.5</p>	NYS Science Assessment Review Grades 3-5	Vocabulary from all of 5 th grade Review 3 rd and 4 th grade Vocabulary	NYS Questions NYS Samplers Entrance Tickets Exit Tickets Teacher Made Assessments	<p>Summarize information from multiple sources.</p> <p>Write an argument to support claims.</p>

				NYS 5 th Grade Science Assessment	
May 1/2 Week	<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>	Oobleck Engineering Design Challenge	Gas Liquid, Mass Properties, Solid Substance, Volume Matter, Mixture Particles, Acid Base, Solubility Solution, Conservation, Rubric	Entrance Ticket, Exit Ticket, Observation Engineering Design Challenge	<p>Summarize information from multiple sources.</p> <p>Write an argument to support claims.</p>
May-June 3 Weeks	3-5-ETS1-1	Human Body Systems	Human Body, Systems, Respiratory, Circulatory, Cardiologist, Blood, Digestion, Nervous, Brain, Muscular, Skeletal, Bones	Human Body Project- Design	<p>Summarize information from multiple sources.</p> <p>Write an argument to support claims.</p>
June 1 week		Solar System Project with 6 th Grade	Solar System,	Entrance Ticket, Exit	Summarize information

			Inner Planets, Outer Planets, Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, Sun, Moon(s), Miles, Kuiper Belt, Asteroid Belt	Ticket, Observation, Final Project	from multiple sources. Write an argument to support claims.
June 1 Week	5-PS2-1	Rockets	Drag, Mass, Velocity, Rocket, Liftoff, Weight, Thrust, Propellant, Newton, Aerodynamics, Momentum, Turbulent	Entrance Ticket, Exit Ticket, Observation, Rocket Launch	Summarize information from multiple sources. Write an argument to support claims.