
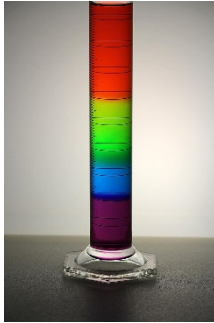



STEM Enrichment Activity Chart

Grades 6-8

Week of May 18 - May 20, 2020

	Create Monday	Science Tuesday	Coding Wednesday
Activity	Create a movie using the Stop Motion Animation studio app. Create a model showing how the different phases of the moon occur. Bonus: Include the alignment needed for lunar and solar eclipses!	Did you know that different fruit juices can have different densities? Try to create a layered juice drink using juices you have at home!	Create a world in MinecraftEdu that models plate tectonics (6 th grade), how the human body systems work (7 th grade), or energy transformations (8 th grade).
Digital Resource	 <p>How to Make a Stop Motion Video</p>	 <p>Fruit Juice Density Experiment</p>	 <p>CCSD Minecraft Resources</p>
Standards	<p>S6E2a. Develop and use a model to demonstrate the phases of the moon by showing the relative positions of the sun, Earth, and moon.</p> <p>S6E2b. Construct an explanation of the alignment of the sun, Earth, and moon during solar and lunar eclipses.</p>	<p>S8P1c. Plan and carry out investigations to compare and contrast chemical (i.e., reactivity, combustibility) and physical (i.e., density, melting point, boiling point) properties of matter.</p>	<p>S6E5. Obtain, evaluate, and communicate information to show how Earth's surface is formed.</p> <p>S7L2. Obtain, evaluate, and communicate information to describe how cell structures, cells, tissues, organs, and organ systems interact to maintain the basic needs of organisms.</p> <p>S8P2. Obtain, evaluate, and communicate information about the law of conservation of energy to develop arguments that energy can transform from one form to another within a system.</p>