

Name: Keefer Gagnon		Grading Quarter: Q1	Week Beginning: August 5, 2024
School Year: 2024-25		Subject: 7 <sup>th</sup> Grade Science-Life Science	
Monday	Notes:	<p>Objective: SWBAT establish, understand, and follow class rules, expectations, and routines.</p> <p>Lesson Overview: Teacher facilitates class discussion about healthy communication including respect for self, each other, and the classroom as well as how to keep everyone (students/teachers/admin) accountable for their performance in class. Student Planner &amp; Handbook Review</p>	Academic Standards:
Tuesday	Notes:	<p>Objective: SWBAT establish, understand, and follow class rules, expectations, and routines.</p> <p>Lesson Overview: Teacher facilitates discussion about rules and etiquette in the classroom, reinforcing prior conversations. Laptop distribution happens today, so there are bound to be disruptions. Teacher facilitates discussion about the scientific inquiry process Classroom tour including lab safety and PPE. Teacher distributes consumables.</p>	Academic Standards:
Wednesday	Notes:	<p>Objective: McGraw-Hill Inspire Science Life Science M1: Matter and Energy in Ecosystems; U1: Photosynthesis and Cellular Respiration; L1: Plant Procedures SWBAT describe the cellular respiration of plant and animal cells.</p> <p>Lesson Overview: Students encounter the phenomenon (a picture of a slug and plants) students will attempt to infer observations of plants and animal cells and begin a CER investigation.</p>	<p>Academic Standards: NGSS MS-LS1-6. AzSS HS.L2U1.19 HS.L2U1.21</p>
Thursday	Notes:	<p>Objective: McGraw-Hill Inspire Science Life Science M1: Matter and Energy in Ecosystems; U1: Photosynthesis and Cellular Respiration; L1: Plant Procedures</p> <p>Lesson Overview: Students perform investigations on photosynthesis and light describing the role of sunlight as an energy input for photosynthesis. Teacher-moderated discussion and activity on observing and quantifying the rate of photosynthesis. Introduce academic words (observation, quantify)</p>	<p>Academic Standards: NGSS MS-LS1-6. AzSS HS.L2U1.19 HS.L2U1.21</p>
Friday	Notes: No School	<p>Objective:</p> <p>Lesson Overview:</p>	Academic Standards:

Name: Keefer Gagnon		Grading Quarter: Q1	Week Beginning: August 12, 2024
School Year: 2024-25		Subject: 7 <sup>th</sup> Grade Science-Life Science	
Monday	Notes:	<p>Objective: McGraw-Hill Inspire Science Life Science  M1: Matter and Energy in Ecosystems; U1: Photosynthesis and Cellular Respiration; L1: Plant Procedures  EQ: How do plants and animals obtain and process energy?  Lesson Overview:  Students will construct explanations based on evidence for how light energy is used to make sugars from carbon dioxide and water through the process of photosynthesis. They will understand that in organisms, food moves through a series of chemical reactions and the molecules are rearranged to support growth or release energy. Teacher-moderated discussion and activity on the process of photosynthesis.</p>	<p>Academic Standards:  MS-LS1-6  MS-LS1-7</p>
Tuesday	Notes:	<p>Objective: McGraw-Hill Inspire Science Life Science  M1: Matter and Energy in Ecosystems; U1: Photosynthesis and Cellular Respiration; L1: Plant Structure and Photosynthesis  EQ: How do plants and animals obtain and process energy?  Lesson Overview:  Students participate in a lab investigation to observe and quantify the rate of photosynthesis.</p>	<p>Academic Standards:  MS-LS1-6  MS-LS1-7</p>
Wednesday	Notes:	<p>Objective: McGraw-Hill Inspire Science Life Science  M1: Matter and Energy in Ecosystems; U1: Photosynthesis and Cellular Respiration; L1: How plants make food  EQ: How do plants and animals obtain and process energy?  Lesson Overview:  Students investigate the chemical processes that plants use to make food.</p>	<p>Academic Standards:  MS-LS1-6  MS-LS1-7</p>
Thursday	Notes:	<p>Objective: McGraw-Hill Inspire Science Life Science  M1: Matter and Energy in Ecosystems; U1: Photosynthesis and Cellular Respiration; L1: Breathe In, Breathe Out  EQ: How do plants and animals obtain and process energy?  Lesson Overview:  Students participate in a lab investigation to observe that the air humans inhale differs from the air human exhale.</p>	<p>Academic Standards:  MS-LS1-6  MS-LS1-7</p>

Friday	Notes:	Objective: McGraw-Hill Inspire Science Life Science M1: Matter and Energy in Ecosystems; U1: Photosynthesis and Cellular Respiration; L1: Week Review Lesson Overview: Students and Teacher engage in discussion about the material covered. Students go back to CER to update new evidence from labs and articles.	Academic Standards: MS-LS1-6 MS-LS1-7
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