Name: Schimmel, Gagnon, Moon	Grading Quarter: 1	Week Beginning: Week 5 8/28/2023-9/1/2023
School Year: 2023-2023	Subject: 5th Science	

Monday	Notes:	**Objective:** • Students will use models to understand how energy flows wihin an ecosystem. • Students will use a model to identify matter on Earth as part of Earth's systems. • Students will develop and use models of how matter cycles through ecosystems. Students will also be able to explain how these cycles affect the ecosystem. • Students will develop and use models to show how energy is transferred through an ecosystem. Lesson Overview: Inspire Science Unit 2: Ecosystems Energy in Ecosystems: Earth's Major Systems, Cycles of Matter in Ecosystems, Energy Transfer in Ecosystems, Vocabulary: Atmosphere, biosphere, geosphere, hydrosphere, condensation, evaporation, nitrogen cycle, oxygen- carbon cycle, precipitation, runoff, water cycle, consumer, energy flow, food chain, food web, producer.	Academic Standards: **5.P4U1.6** Analyze and interpret data to determine how and where energy is transferred when objects move **5.L4U3.12** Construct an explanation based on evidence that the changes in an environment can affect the development of the traits in a population of organisms. **5.L3U1.10** Construct an explanation based on evidence that the changes in an environment can affect the development of the traits in a population of organisms. **5.SL.4** Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace.

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