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Name: Schimmel, Gagnon, Moon			Grading Quarter: 1		Week Beginning: Week 9/25/2023-9/29/2023	
School Year: 2023-2023		Subject: 5 <sup>th</sup> Science				
Monday	Notes:	Earth.  Students water move to students water cosystem  Lesson Overview:  Inspire Science Une Water Cycle Inquiry Actesson 3: Information water cycle inquiry Actes to students water cycle inquiry Actes of the students water cycle inquiry Actes of the students water cycle in	vill model ecosystems, and arth's systems. vill be creating a model of ves from one location to a vill simulate energy flow the vill research the way energy. it 2: Energy in Ecosystems. it 2: Energy in Ecosystems. it Activity tivity: Types of Matter on Energy Transfer in Ecosystems/Food Web activity	chrough an ecosystem. Tryy moves throughout a specific  Same and the second of the sec	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.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.	

#### Notes: Objective: Academic Students will categorize photos of different types of matter on Standards: **5.P4U1.6** Analyze and interpret data Students will model ecosystems, analyze information, and identify to determine how parts of Earth's systems. and where energy Students will be creating a model of the water cycle to show how water moves from one location to another. is transferred when objects Students will simulate energy flow through an ecosystem. move Students will research the way energy moves throughout a specific 5.L4U3.12 ecosystem. Construct an explanation based on evidence that Lesson Overview: the changes in an environment can Inspire Science Unit 2: Energy in Ecosystems affect the Water Cycle Activity development of Inquiry Activity: Types of Matter on Earth, Cycling of Matter the traits in a • Lesson 3: Energy Transfer in Ecosystems population of Food Chain/Food Web activity organisms. 5.L3U1.10 Vocabulary: Construct an Tuesday Atmosphere, geosphere, hydrosphere, biosphere, water cycle, nitrogen, explanation based condensation, precipitation, runoff, nitrogen cycle, oxygen-carbon cycle, on evidence that producer, consumer, food chain, food web, energy flow. 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

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# Wednesday

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- Students will model ecosystems, analyze information, and identify parts of Earth's systems.
- Students will be creating a model of the water cycle to show how water moves from one location to another.
- Students will simulate energy flow through an ecosystem.
- Students will research the way energy moves throughout a specific ecosystem.

### Lesson Overview:

Inspire Science Unit 2: Energy in Ecosystems

- Water Cycle Activity
- Inquiry Activity: Types of Matter on Earth, Cycling of Matter
- Lesson 3: Energy Transfer in Ecosystems
- Food Chain/Food Web activity

## Vocabulary:

Atmosphere, geosphere, hydrosphere, biosphere, water cycle, nitrogen, condensation, precipitation, runoff, nitrogen cycle, oxygen-carbon cycle, producer, consumer, food chain, food web, energy flow.

Academic Standards:

**5.P4U1.6** Analyze and interpret data to determine how and where energy is transferred when objects move

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