Name: Schimmel, Gagnon, Moon	Grading Quarter: 1	Week Beginning: Week 10/2/2023-10/6/2023
School Year: 2023-2023	Subject: 5th Science	

Monday	Notes:	**Objective:** • Students will categorize photos of different types of matter on Earth. • 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 • Assessment Test 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 **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.

Tuesday	Notes:	**Objective:** • Students will categorize photos of different types of matter on Earth. • 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 • Assessment Test 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 **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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Friday	Notes:	**Objective:** NO SCHOOL	Academic Standards: