Name: Schimmel, Gagnon, Moon	Grading Quarter: 2	Week Beginning: Week 11/13/2023-11/17/2023
School Year: 2023-2023	Subject: 5th Science	

Monday	Notes:	**Objective:** • Students will use what they learn about the structure and properties of matter to design the perfect pancake. • Students will observe and produce data to identify materials based on their properties. • Students will recognize how the photos provide examples of different types of properties of matter. • Students will use mathematical and computational thinking to determine if mixing substances causes a change in mass. • Students will investigate how temperature affects the ability of a solid to be mixed into a liquid. • Students will collect data to analyze using mathematics. • Students will observe mixtures to investigate if mass is conserved when substances are mixed together. • Students will investigate if a mixture can be separated. Lesson Overview: Matter Posters/Books: Make your own Matter Book. This includes a front page, a page on Solids, Liquids, and Gases. Students will draw, color, and label a minimum of 5 examples of each type of Matter. Inspire Science Unit 1: Matter Lesson 1: Identify Properties of Materials • What are the Properties of Eggs • Inquiry Activity: Test Matter's Properties • Matter/Physical Properties/Chemical Properties • Review • Salt and Water Lesson 2: Mixtures and Solutions • What is happening to the solid and the liquid • Inquiry Activity: Solubility Solutions • Types of Mixtures • A Day in the Life of a Chemist • Review • Chemical Change Vocabulary: Matter, chemical property, magnetism, conductivity, magnetism, mass, physical property, reflectivity, solubility, volume, collect, colloid, mixture, solution	Academic Standards: **5.P1U1.1** Analyze and Interpret data to explain that matter of any type can be subdivided into particles too small and to see and, in a closed system, if properties change or chemical reactions occur, the amount of matter stays the same. **5.P171.2** Plan and carry out investigations to demonstrate that some substances combine to form new substances with different properties and others can be mixed without taking on new properties. **5.SL.4** Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts with relevant, descriptive detail to support main ideas or themes; speak clearly at an understandable pace.

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