**Second 9 weeks Unit Overview**

**5th Grade – Matter**

**Standards Addressed: S5P1.a, b & S5P2.a, b, c**

**Lesson Objectives**

**Engage and Explore**

Students will engage in a series of activities which prove that an object has the same mass as the sum of its parts.

**Engage and Explore**

Students will explore student created and prepared slides under different magnifications of a microscope.

**Engage and Explore**

Students will learn about physical changes by manipulating paper and separating both homogenous and heterogeneous mixtures.

**Explain**

Students will observe changes in the state water and record no loss of mass as the changes take place.

**Explore and Explain**

Students will observe materials before, during, and after a chemical change.

**Explore and Explain**

Students will create a machine for sorting out the different parts of a predetermined snack mix.

**Explore and Explain**

Students will create snowflakes in several ways to demonstrate physical changes.