

Dear Parents,

During the 2<sup>nd</sup> nine weeks we will be learning about force and motion in 1<sup>st</sup> grade science. The following concepts:

**Student Expectation:**

The student is expected to predict and describe how magnets can be used to push or pull an object. They will also be expected to describe the change in the location of an object such as closer to, nearer to, and farther from; AND demonstrate and record the ways that objects can move such as in a straight line, zig zag, up and down, back and forth, round and round, and fast and slow. In addition, students will be recording weather information and identifying characteristics of the seasons.

**Key Concepts:**

- Magnets can be used to push and pull objects.
- Objects move from one location to another in different ways and patterns, such as straight lines, zigzags, up and down, back and forth, round and round, or fast and slow.
- Record weather information, including relative temperature, such as hot or cold, clear or cloudy, calm or windy, and rainy and icy.
- Identify the characteristics of each season.

**Fundamental Questions:**

- How can we predict if an object will repel or attract to a magnet?
- How can we explore how objects change location and the different ways and patterns that objects move?
- How can we describe and record changes in weather?
- How can we identify the characteristics of the seasons of the year?

Having a great year in science!

The 1<sup>st</sup> Grade Science Team