

## **Implementing District Standards**

Each activity I have in this unit clearly allows students to demonstrate knowledge of the following Common Core Standards. The students participate in a variety of hands-on activities that allow them to develop an understanding of force and motion. They demonstrate this understanding by journaling, creating graphs, and drawing conclusions about Newton's Laws.

### **5.P.1 Force and Motion**

Understand force, motion and the relationship between them.

The sub-standards which fall under this are as follows:

5.P.1.1 Explain how factors such as gravity, friction, and change in mass affect the motion of objects.

5.P.1.2 Infer the motion of objects in terms of how far they travel in a certain amount of time and the direction in which they travel.

5.P.1.3 Illustrate the motion of an object using a graph to show a change in position over a period of time.

5.P.1.4 Predict the effect of a given force or a change in mass on the motion of an object.