

SCIENCE INVESTIGATORS

January 2012



1/3, 1/5

The Physics of Energy and Simple Machines

How does the use of simple machines such as levers, planes, and wheels allow us to turn potential energy into kinetic energy? How can we increase the potential energy of an object? By putting together several simple machines, we will try to create movement.

1/10, 1/12

Electricity

We are going to make some good connections, shed a little light on the subject, and ring a few bells. Hope we don't get short-circuited!

1/17, 1/19

Properties of Water

It is strong enough to push over a tree or hold up an oil tanker. Experiments with surface tension and water pressure.

1/24, 1/26

Glaciers

We continue our study of the most common and powerful compound on earth, now in the frozen state. We are going to experiment with lots of ice as we study the creation and movement of glaciers and how they have changed the landscape of our area.

1/31, 2/2

Getting the 787 off the Ground

Boeing engineers working on several problems that needed to be solved before Boeing's newest plane took flight. Today we are exploring some of the factors involved in the principles of flying and will try to get our model 787s to fly.

Snow Hotline: 425-881-8899 or www.bellevuecountrydayschool.com

Remember: The \$75 fee for the aquarium overnight adventure is due by Jan. 31.