

February 1<sup>st</sup> – 5<sup>th</sup> 2010

## Groundhog Day...February 2<sup>nd</sup>

A good time to study shadows is near **Groundhog Day**. Most students are fascinated with the legend of this famous rodent, sometimes known as a woodchuck or land beaver. Each student will make their own groundhog popping out of its burrow. We will incorporate flashlights to help demonstrate the casting of shadows. Students will also explore the classroom with their flashlights to discover that many other objects cast shadows of all shapes and sizes. New vocabulary will include; Groundhog, February, shadows, burrow, Punxsutawney and more!



“Looking for an *EARLY* Spring...”

## States of matter

We will also begin our scientific study of the *'states of matter'*. Along with circle demonstrations showing the difference between solids, liquids and gases, students will chart items into their correct categories. A simple, but very effective way to demonstrate how some matter can change from **state to state** is to use **ice**. They will see how an ice cube (**solid**) melts, and how water (**liquid**) from the melting cube evaporates (**gas**). New vocabulary includes; evaporation, solid, liquid, gas, matter, and more.



- Ari's Academy -  
2010