

March 16<sup>th</sup> - 20<sup>th</sup> 2009

SCIENCE – “The study of the physical and natural world and phenomena, especially by using systematic observation and experiment”



The students are very excited about their upcoming trip to **OMSI** this Thursday, March 19<sup>th</sup>! (*Please see the front desk for field trip details*) To get ready for this visit to our local science museum we will be featuring demonstrations of a science experiment each morning at circle - highlighting a simple or basic but important scientific premise.

- **Volcanic “eruption”** (The combination of 2 different substances can lead to a scientific reaction!)
- **“Exploding” milk** (Various substances have properties that repel or attract each other!)
- **“Air-pressure” egg** (Air has pressure! And it can be very powerful!)
- **“Magical” balloon** (Warm air and cool air have very different behaving molecules!)
- **Amazing “goo”** (With just the right amount of certain ingredients you can experience ‘isotropy’ or the ability to create a liquid substance that when agitated becomes firm – yet returns to liquid!)

Our students will also learn about other important scientific concepts, such as understanding the difference between living and non-living, the basic composition of the earth, animal classification, properties that affect ‘sink vs. float’ substances and the basics of the Scientific Method. Most importantly, the goal for this week is to give each student a chance to feel like they are connected to the world around them in many ways and that they can be apart of the next generation of young scientist!

$$E=mc^2$$