

SCIENCE UPDATE

Our Middle School students have been hard at work this year in our Science Lab! The 7th grade has been focusing on Astronomy, specifically the Science of Rockets, The Space Program, Gravity and Motion and Earth's Moon. We recently did an experiment to see if we could remove the bottom penny out from a stack of pennies. When done properly, the bottom penny can be knocked out of the stack without disturbing the remaining pennies.

Why you ask? Newton's first law of motion is why. Objects at rest stay at rest and an object in motion will stay in motion with constant speed and direction unless acted on by a force.

Our 8th grade is currently learning about MATTER! Changes in matter, measuring matter, describing matter, and states of matter. What is a solid, liquid and a gas? Well our 8th graders could answer this



JAKOB AND SHANE SHOW OFF THEIR ROCKET

question for you. We took an antacid tablet, a large balloon, and a plastic water bottle filled halfway to help us answer that question. We broke the antacid tablet in half and put it inside the neck of the balloon. Next, we took the balloon and stretched the mouth over the top of the bottle and gently shook the tablet into the water. What happens next is incredible! The balloon inflates with carbon dioxide produced by the reaction of the antacid tablet and water. We watched a reaction take place right in front of us. We just witnessed all the different states of matter - Solid, Liquid, and a Gas.

Our 6th grade students have been busy at work discovering cells. We have recently observed cell samples under our microscopes and learned how to use our microscopes and why microscopes are so important in the field of science and discovery. In fact we were so intrigued by the chemical makeup of the cells within our bodies, that we decided

to make our own cells. The only difference is we got to eat these cells! We made edible cells, and used red jello for animal cells and green jello for plant cells. We then used various candies to represent the organelles that make up our cells. This was fun and delicious! We learned that as part of the cell theory, all living things are composed of cells, cells are the basic units of structure and function in living things and that all cells are produced from other cells.

Mrs. Baeder



KEVIN, JULIA, AND DANA WORK ON THE PENNY EXPERIMENT



EDIBLE CELLS CREATED BY THE SIXTH GRADE

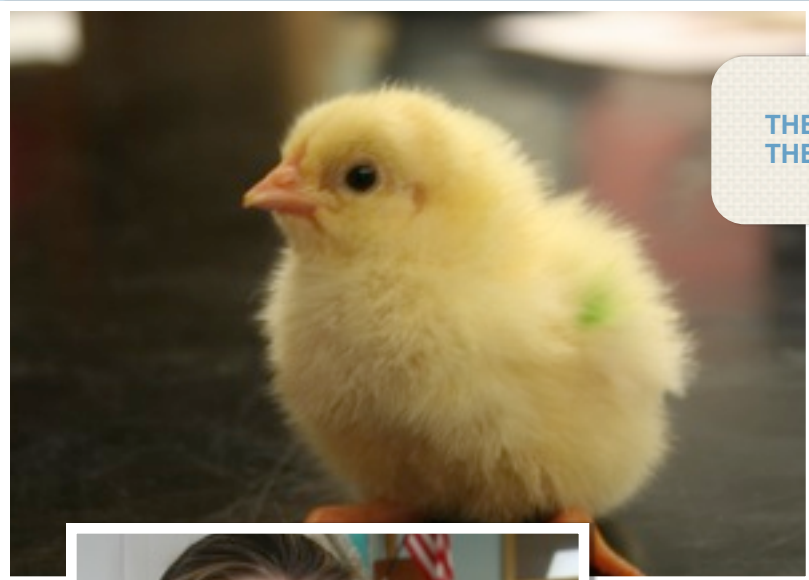


SYDNEY DEMONSTRATES HER EXPERIMENT

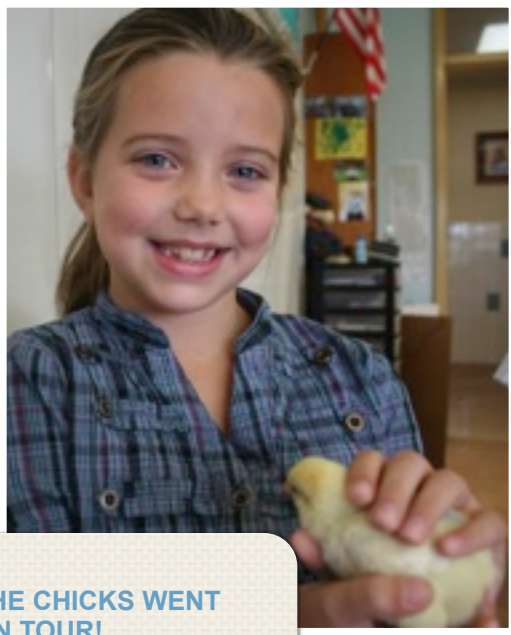


FARMER JEAN BRINGS SHIRLEY AND HENRY TO SCHOOL

SCIENCE VISITORS



THE CHICKS MAKE THEIR ARRIVAL.



THE CHICKS WENT ON TOUR!



OUR MAD SCIENCE DEMONSTRATION!



MotherTeresa
Regional School