



YCIS-SiR

ECE

Menu

Amazing Science
Activities



February 2013

Wish to invite me, have requests or have questions?

Send me an email at ycis.sir@gmail.com

You can also visit my webpage at ycis-sir.weebly.com.



Who am I?

Hello everyone! I guess this is a little late in coming, but as the saying goes, “better late than never”! Let me introduce myself. I am Cecille Nazareno and I have been an educator for 20 years. I have taught maths, science, history, drama, and music. I have classroom experience with three year olds to year 10 students and have also taught in a community college.

This is my fourth year in Yew Chung. During the first three years, I taught maths, science, and ICT. This year, I have taken the role of Scientist-in-Residence. I am very excited about this because I believe that science is one of the best ways to encourage exploration and understanding of the world around us!

If you would like me to visit your classroom, just send me an email! Other times, you may find me hanging out in your campus with some sciencey stuff that may interest your students.



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- Bubbleology
- Milk Art
- Static Electricity
- Balloon Rockets
- Slimemology and
- Bouncyballogy
- Magic Balloons
- Making Crystals
- Fossils
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Exploring Science Activities

(If you would like to invite me to do any of these activities, please give me one week's notice.)

BUBBLELOGY

Kids will have a blast playing with these special bouncing bubbles! "Old Style" bubbles are fun to blow, but that's it. You touch them and they pop. This super bubble mixture allows the bubbles to be held and bounced.

MILK ART

Learn about colors and surface tension with this fun activity! Kids can see colors mixing while skidding across the milk surface.

STATIC ELECTRICITY

A simple balloon can act like a magnet, both attracting and repelling different objects. Guaranteed to amaze the kids!

BALLOON ROCKETS

Simple rockets propelled by balloons teach kids the concept of propulsion. They can even have balloon rocket races.

SLIMEMOLOGY and BOUNCYBALLOGY

Kids will witness a chemical reaction happening in front of their eyes with this activity! They will see how simple white glue can be transformed into a bouncing ball or slimey slime!

MAGIC BALLOONS

Is it possible for balloons to inflate by themselves? Let's find out! Our magic balloons will certainly do. What's more, the air in these balloons can extinguish fire!

MAKING CRYSTALS

Kids will be able to create and take home beautiful crystals in just a day or two.

FOSSILS

Be a "reverse-paleontologist"! Instead of studying fossils, kids will be making their own fossils out of their favorite dinosaur toys, leaves, shells, or anything that catches their fancy!



My Science Box



What's in your box?

It is a good idea to have a science box (or set of drawers!) that teachers (or scientists-in-residence) can get materials for science activities.

What should go into the box?
Here are a few suggestions!



Bubble Tea straws

Regular straws

Plastic plates

Plastic cups

Plastic spoons

Balloons, balloons, balloons!

Balloon pumps

Baking soda

Vinegar

Borax

Elmer's white glue

Dishwashing liquid (Joy, Gain, or Dawn)

Glycerin (can be bought by bulk from a chemical supplier)

Yarn

String

Cello tape

Pipe Cleaners

Empty (but washed) plastic drink bottles

Cotton buds

Ziploc sandwich bags

Food coloring

