

Lava Lamps

On Wednesday Third class made lava lamps.

They needed:

a clear bottle

food colouring

fizzy tablets

a funnel

water

a flashlight

and vegetable oil.



Lava Lamp

On Wednesday 3rd class made lava lamps. To make these we needed a clear bottle, food colouring, vegetable oil, fizzy tablets, funnel, water and a flashlight. We began by filling the bottle a quarter of the way with water. We then added oil until it was almost full. When we added the oil, it sat on top of the water as it has a lighter density than water. We then added drops of food colouring and watched it bubble to the bottom of the water. When we added the fizzy tablet, this created the carbon dioxide which pushed the bubbles of food colouring up through the bottle again. It was really cool to see this in the dark with a flashlight.



Hovercraft

On Tuesday 3rd Class created paper hovercrafts using paper. We had to follow a series of steps in our design. We then had races across our tables to see who's hovercraft was the fastest. It was great fun. When we blew on our hovercraft we were creating elements of high and low pressure which forced the plane to move.



Senior Infants have so many questions!

Seniors will be planting bulbs, and discovering over the next few weeks what is needed to grow flowers.

We are also doing a big balloon experiment, and investigating different natural materials to see which would be easiest or hardest for a cow to eat.



Second class were very busy during Science Week! The budding scientists learned all about static electricity and discovered that if you rub a balloon OFF YOUR HEAD that it creates electricity!



They also learned about sound. They learned that sound makes vibrations and you can even SEE sound vibrations! They used cymbals to make sound vibrations beside a bowl with cling film on it. There was rice on the cling film. When they banged the cymbals, the rice moved! The sound vibrations from the cymbals made the rice jump!



Did you hear about the new restaurant on the moon? Food is out of this world, but there is no atmosphere!



Science Week 2020

On Monday sixth class made rockets. They used pipe insulators made of foam, duct tape, sellotape and the most important part was the elastic band. The elastic band made the rocket fly through the air due to stored energy. When the elastic band was pulled back, the energy was stored. When you let go of the elastic band, the energy was released. They also used card for 'fins' to help balance the rocket. They tested the rockets outside.



Scoil Íosagáin was recently awarded the Discovery Primary Science and Maths Certificate by the Science Foundation of Ireland.

Huge ongratulations to the children of Scoil Íosagáin for all their hard work in Science and Maths!



Whoever invented the Knock Knock jokes, deserves a NO BELL prize!

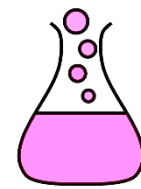
Senior Infant Scientists!

Senior infants investigated what materials were best to make a tall tower. We used Lego, Duplo, timber blocks and Cuisenaire rods. We discovered that Duplo was the best material.



First Class

First class were very busy during science week! They did lots of investigations about floating and sinking. In fact, they investigated so many objects to see if they float or sink, that we reckoned the teachers themselves might be next!



Just look at the hard work going on here! Well done first class!



On Wednesday sixth class did an experiment on the lungs. To test lung capacity Miss O’Gorman, Margaret, and Liam blew through a bottle of water to see who could blow the most out of it. Miss O’Gorman won, Margaret came second and Liam came last.



Why did it come in this order? Well, we think it’s down to Miss O’Gorman being the tallest, Liam being the shortest and Margeret being in between!

Sixth class also made ‘a lung’. The white balloon acted as a diaphragm, the green one acted as the lung, the straw was the trachea and lastly the bottle acted as the ribcage.



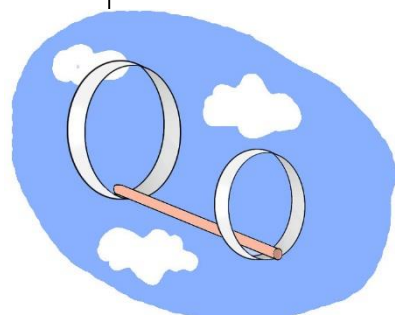
Juniors did a balloon superhero on super hero experiment. They drew a face on the balloon and put a cape on the back. When they let go of the balloon it went flying up in the air like a superhero.



Junior also went on a scavenger hunt outside to see what nature they could find.



Fourth class made gliders for science week. They tested them outside and discovered that when they twist the gliders they travelled further!



The colour wheel

First class mixed colours and made colour wheels!



Build a Bridge

On Thursday our class were posed with a problem. The bridge in knocklong has burst its banks and hence the bridge has collapsed. Each person was given one sheet of card and asked to construct their own bridge without using any other materials or reinforcements. The challenge was to stack at least one copy without it collapsing. It was great fun and some of us even managed to stack up to 12 copies and books.



Sink or Float?

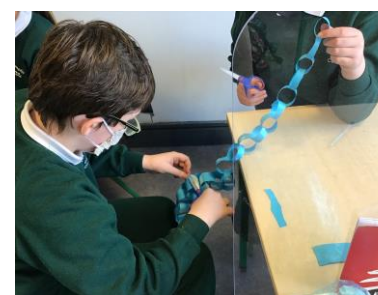
Senior infants also did an experiment on sinking and floating. They placed heavy and light objects in a basin and had to guess whether they would sink or float.



Fifth class were very busy during science week. They made clinometers. Clinometers are used to measure the height of trees. They also did some experiments about the density of different liquids. They discovered that golden syrup, honey, and milk have a higher density than water. Oil and washing up liquid have a lower density than water.

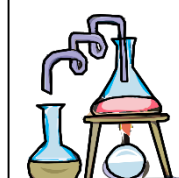


6th class took part in a STEM challenge! They worked in pairs and all got one A3 sheet of paper, 30cm of tape, a pencil, scissors and a ruler and we had to make the longest paper chain possible. Rachel was the winner!

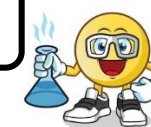


They also learned about the science of the human mind and learned all about selective attention. Try it for yourself and do the Stroop test below! Name the colour instead of reading the word!

yellow	blue	green	blue
yellow	red	blue	red
green	red	yellow	yellow
blue	yellow	yellow	green
blue	green	green	red
blue	red	blue	yellow



I was reading a book about helium... and I just couldn't put it down!



Balloons

This week senior infants made balloons using : yeast, warm water and sugar. When you mix these all together they form a gas that makes the balloon inflate.



Bulbs

Also this week senior infants planted bulbs. They planted daffodils, tulips and crocuses. It will be lovely to see them fully grown in the spring.



Junior Infants did an experiment with raisins, seven up and water. When they dropped the raisins into the seven up the raisins danced! When they dropped the raisins into the water they didn't do anything.

