St.Michael's Church Of Ireland National School

2020/DSM/907

STEP.1. - Science

Materials

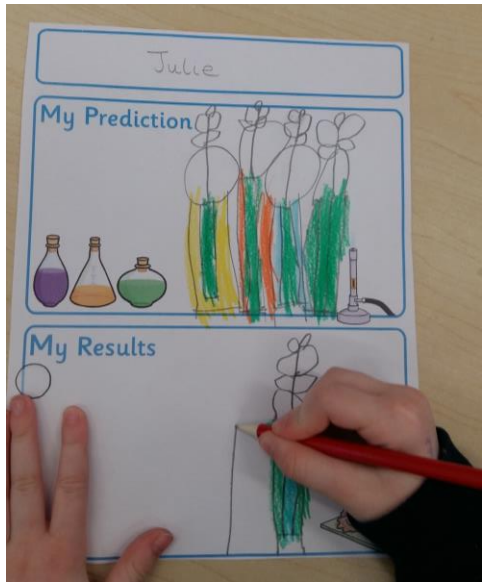
Baking

The Junior Room started the year off with an exciting activity. We learnt how different foodstuffs would change when a certain process is applied. We then made our own fruit pies and learned how materials change when we add a liquid and heat.

Materials

Creeping Colours

The Junior Room had lots of fun watching the flowers change from white to other colours.



School Workshops

Home Contact Us

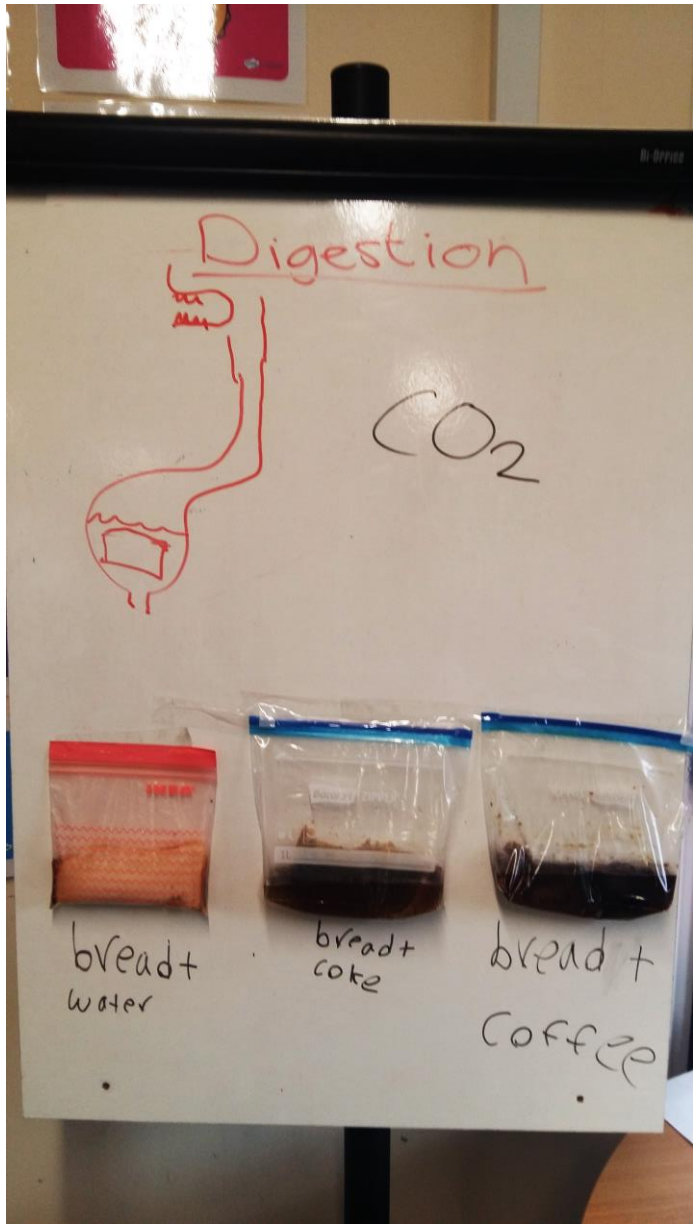
Living Things

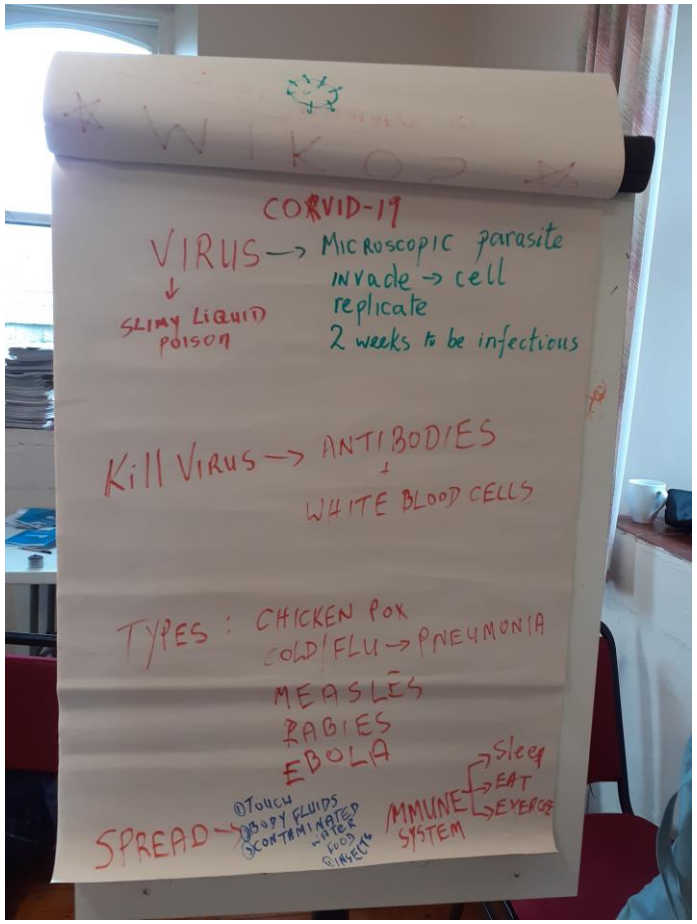
Dinosaurs

Darren and Gary visited us with Sophie the T-Rex and Jack the baby T-Rex. We also got to learn about fossils and dinosaur skeletons.

Living Things

How our bodies work

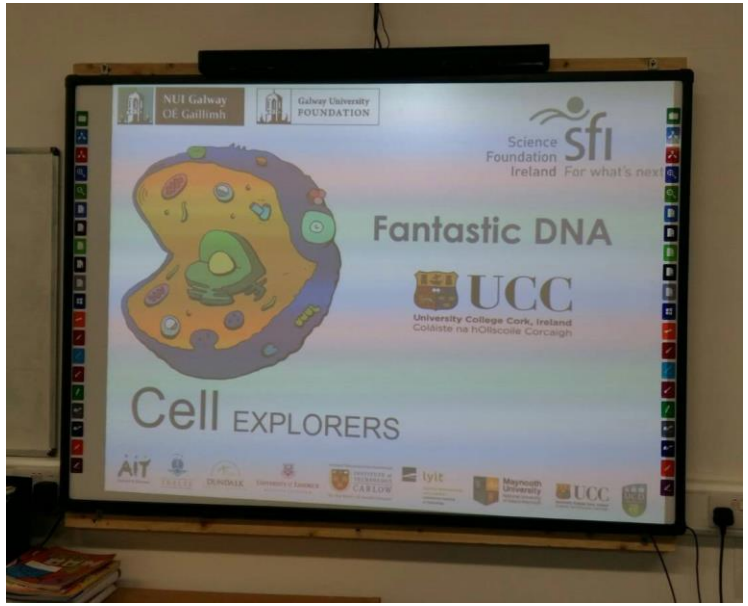




We have been learning all about how our bodies work and also about how bacterial and viral infections can be harmful.

Living Things

UCC Cell Explorers

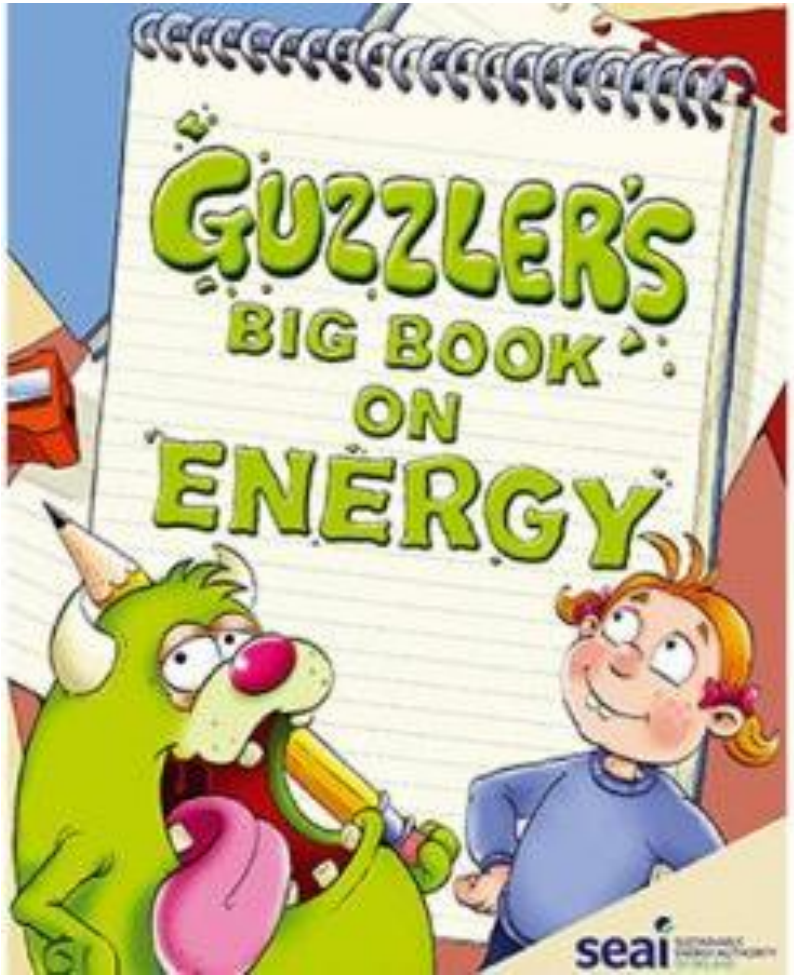


We had some lecturers and students from the microbiology department in UCC come and tell us all about DNA

Energy & Forces

Electricity

We had a visitor from the SEAI who came and told us all about sustainable energy and how we can conserve energy to save the environment.



Energy & Forces

Everyday Activities.

Pupils were shown how energy, forces and friction are used in every day activities including sports activities.

Environmental Awareness & Care

Nature Walk

Niamh O'Flynn spent the morning with us walking down the Railway Line Walk and we learned some interesting facts about birds and plants.

HERITAGE IN SCHOOLS | An Chomhairle Oidhreachta The Heritage Council

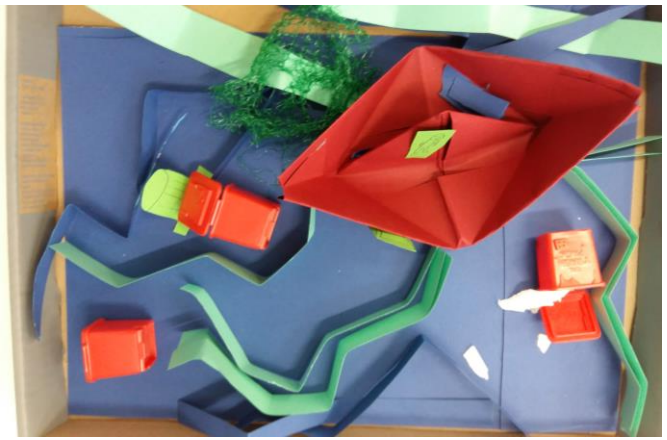
Lifetime Lab
AT OLD CORK WATERWORKS

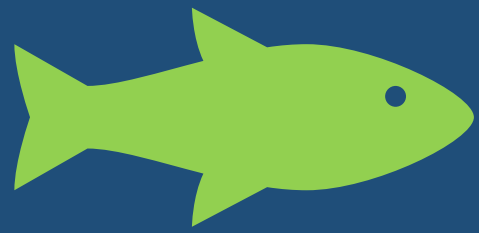
EXPLORERS
...where Science makes a Splash!

Environmental Awareness & Care

Sea Pollution

Shazé from the Lifetime Lab conducted a workshop on Sea Pollution with our 3rd and 4th Class and they had to make presentations of the projects

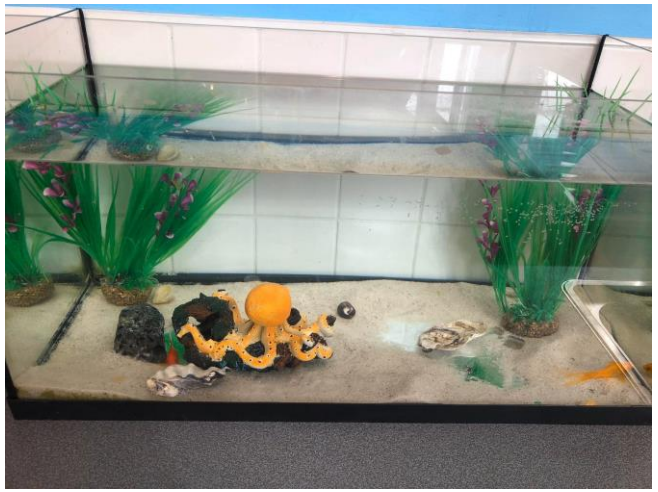




Environmental Awareness & Care

Caring for Animals

All the children in St. Michael's love animals. We have fishtanks in our classrooms that the children care for. They feed and clean the tanks.
We also love it when we have visitors that come and show us and tell us about other furry creatures!



Environmental Awareness & Care

Projects

All the children in St. Michael's are involved in outdoor projects.

Supervalu Save The Bees

5th & 6th are currently building a wild flower pollination garden and learning how important bees are to the health of the planet and all it's inhabitants.

Muintír na Tire Gardening Project

Infants – 4th class are participating in the Cork Schools Garden Project. Each class has their own vegetable gardens which they will prepare for planting.

Environmental Awareness & Care

The Hazel and Oak Rooms have nature tables which they track the seasons with. Each day a selected group go on a nature walk down the Blackrock Railway Line Greenway where we feed the ducks and swans at the Atlantic Pond and watch how the seasons change. We also invite some of the children from the older classes to come on our walks.

Space Week

04 – 10 Oct 2019

The classes did a variety of space themed activities during Space Week 2019.

Science Week

10 – 17 Nov 2019

The classes did a variety of science based activities during Science Week 2019 including learning about forces in the infants, plant identification for 5th and 6th and a visit from 'Cork Science Festival'.

Guest Speakers

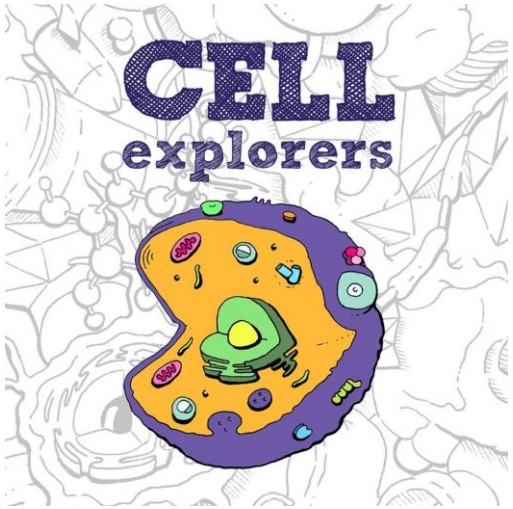
Lifetime Lab
AT OLD CORK WATERWORKS

School Workshops
Home Contact Us

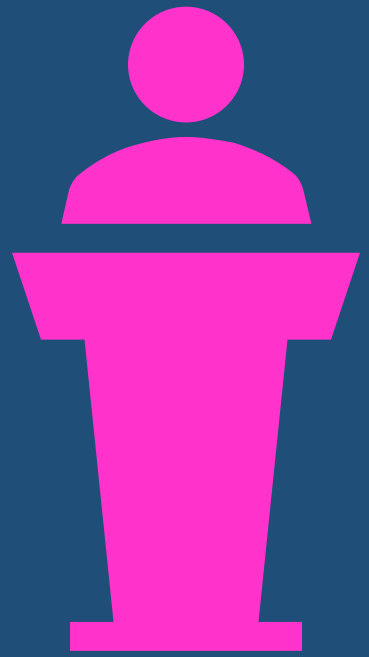
HERITAGE IN SCHOOLS | An Chomhairle Oidhreachta The Heritage Council

EXPLORERS ...where Science makes a Splash!

seai SUSTAINABLE ENERGY AUTHORITY OF IRELAND



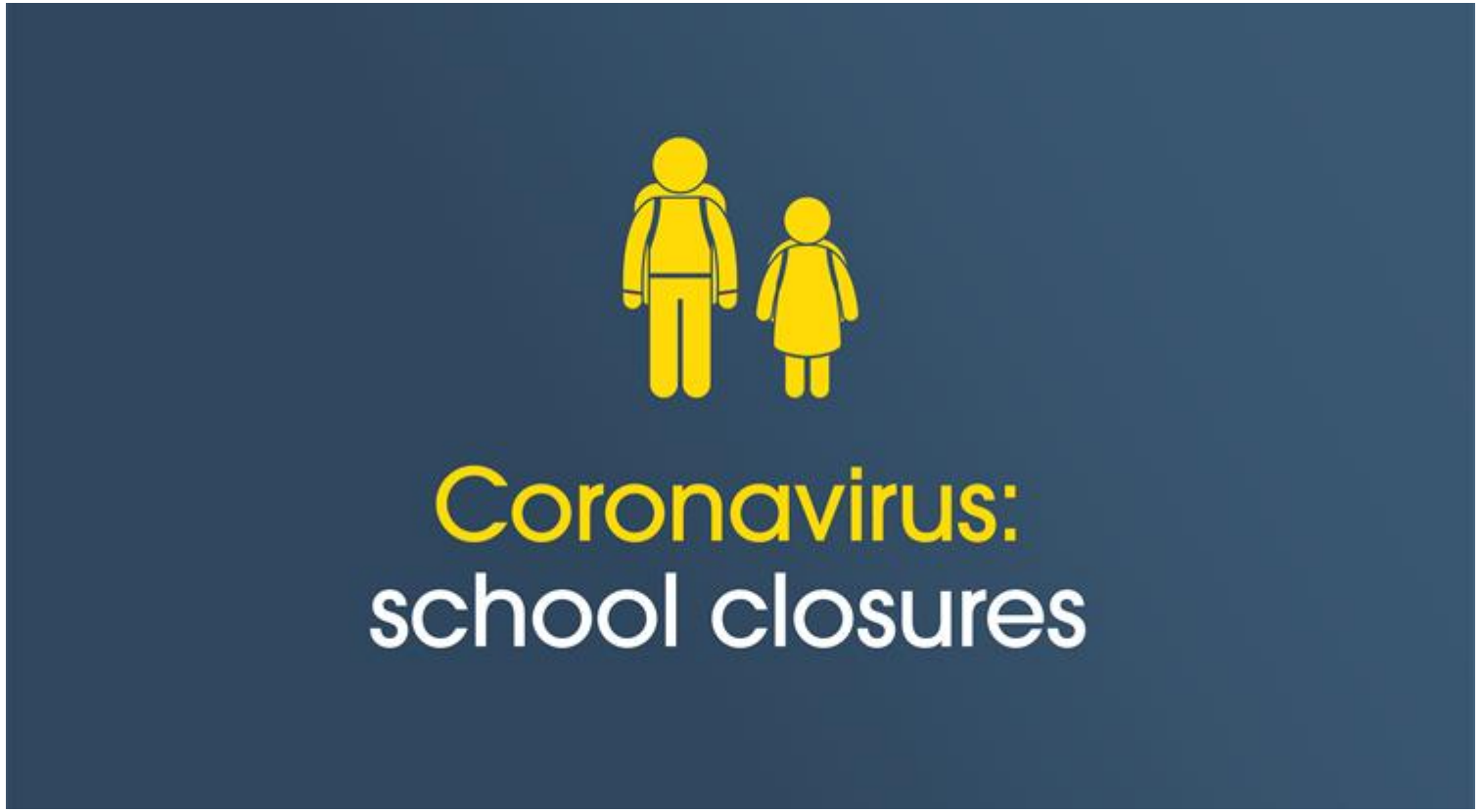
We have been very lucky to have various guest speakers come to our school to teach us about the wonderful world of science.



Visit to a Discovery Centre

Unfortunately due to school closures we had to cancel our trips to the:-

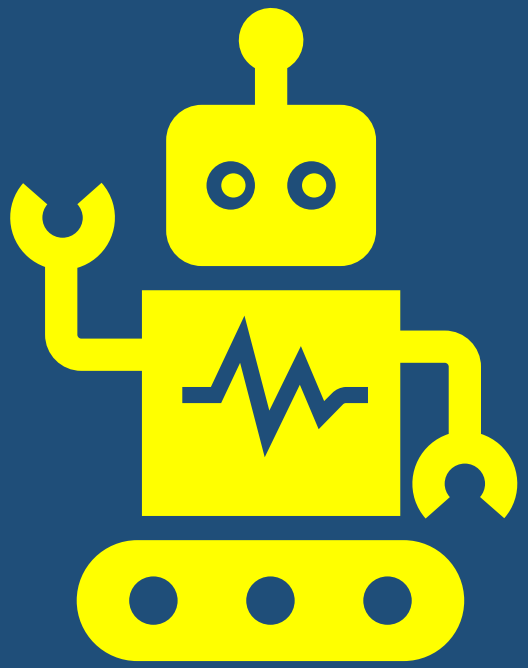
- Blackrock Observatory for the Junior and Senior Infants
- Lifetime Labs for 1st & 2nd Class



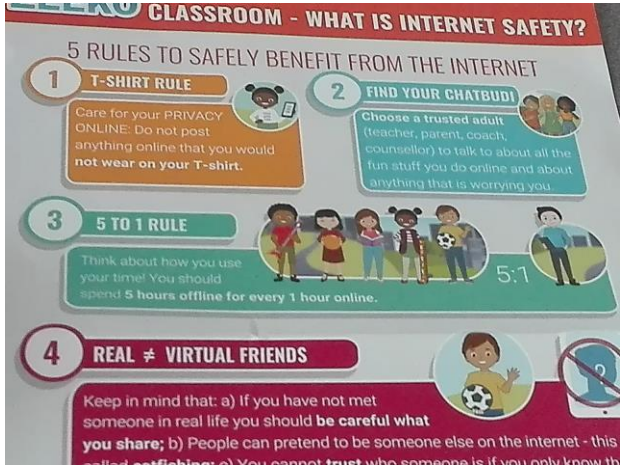
St.Michael's Church Of Ireland National School

2020/DSM/907

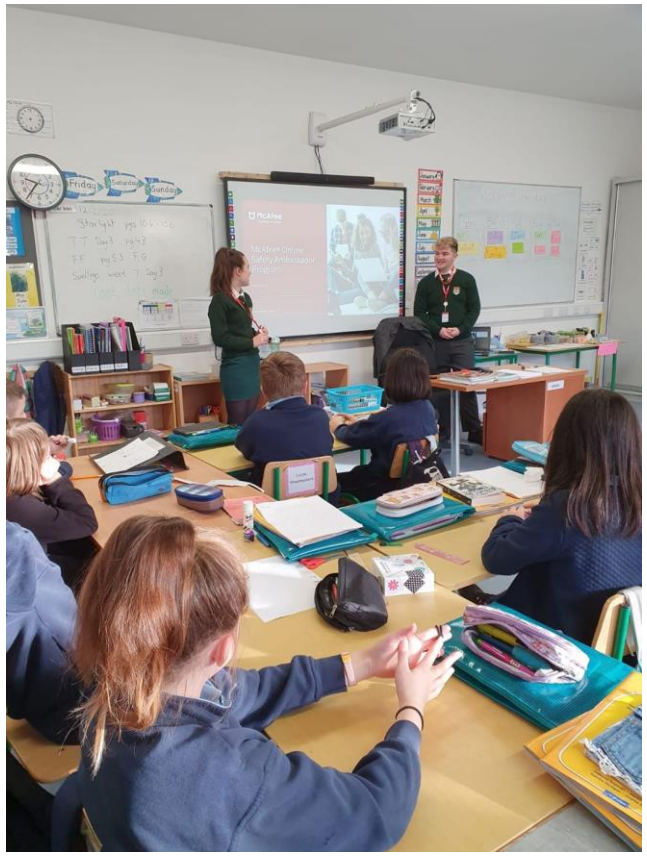
STEP.2. - Technology



Internet Safety

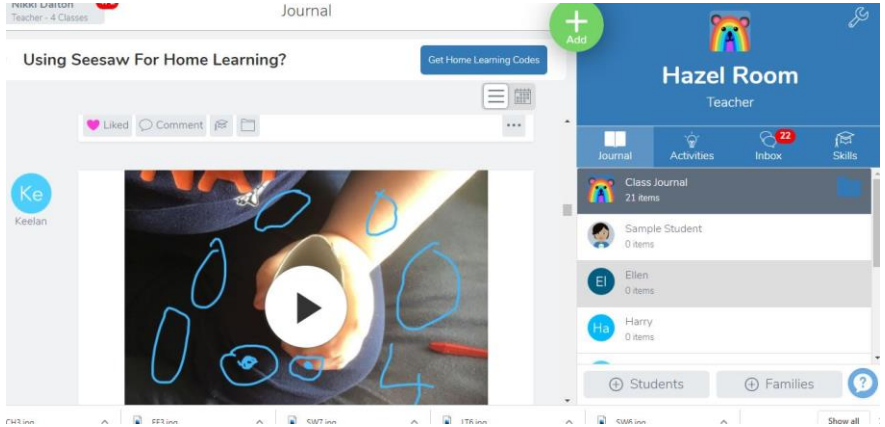


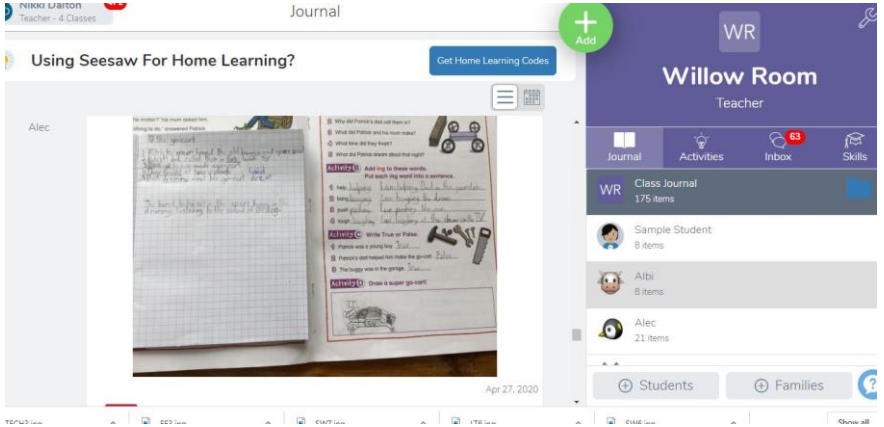
We have had guest speakers from Zeeko and Ashton Secondary School come and talk to our pupils about internet safety



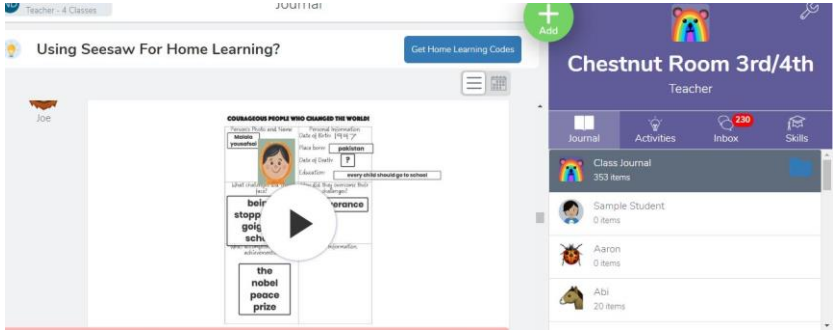
Using Technology

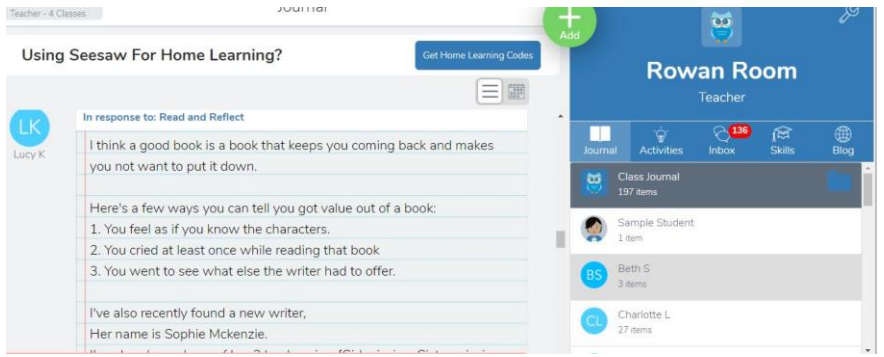
Virtual Classroom





During school closure, 1st – 6th class interact with their teachers on a daily basis through Seesaw



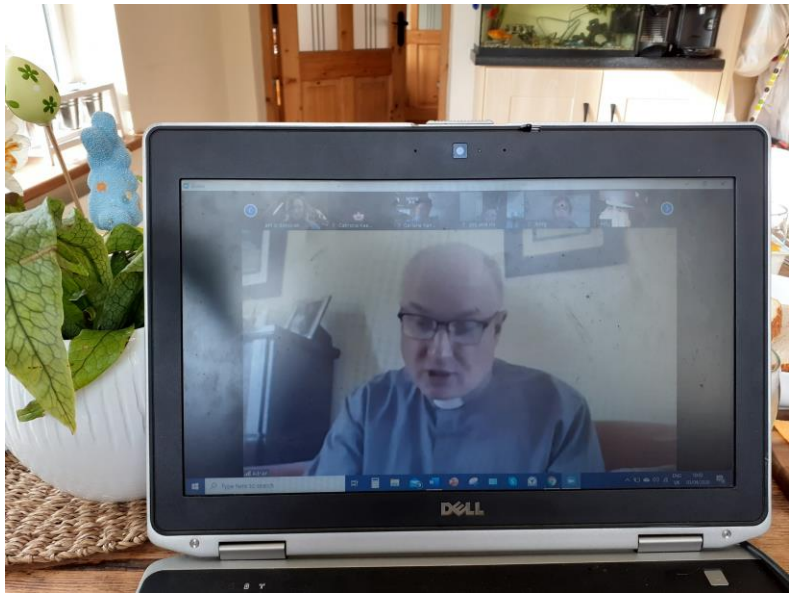


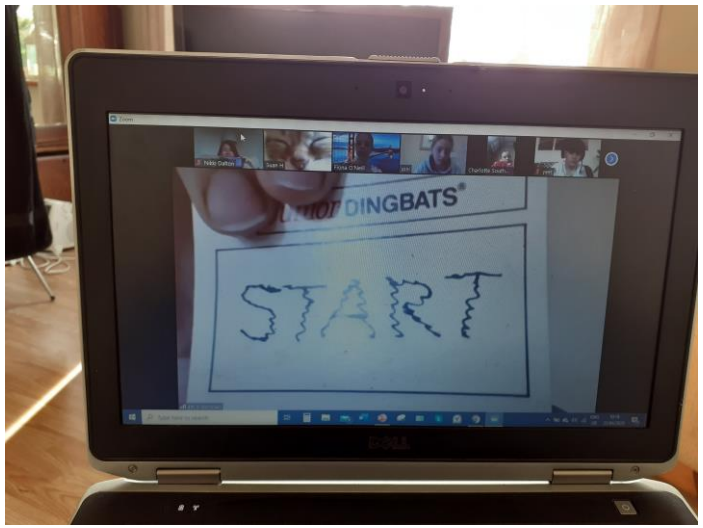
Seesaw

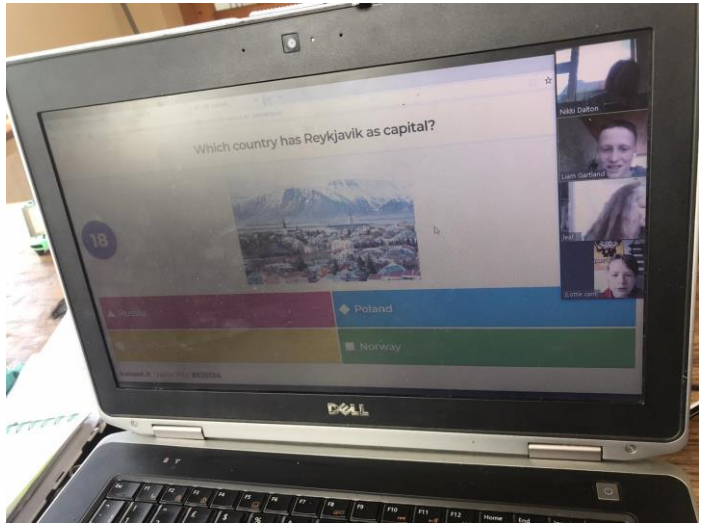
Using Technology

Zoom

The whole school meets on a weekly basis for assembly using Zoom and 5th and 6th classes using it for ‘face to face’ time with their class teacher



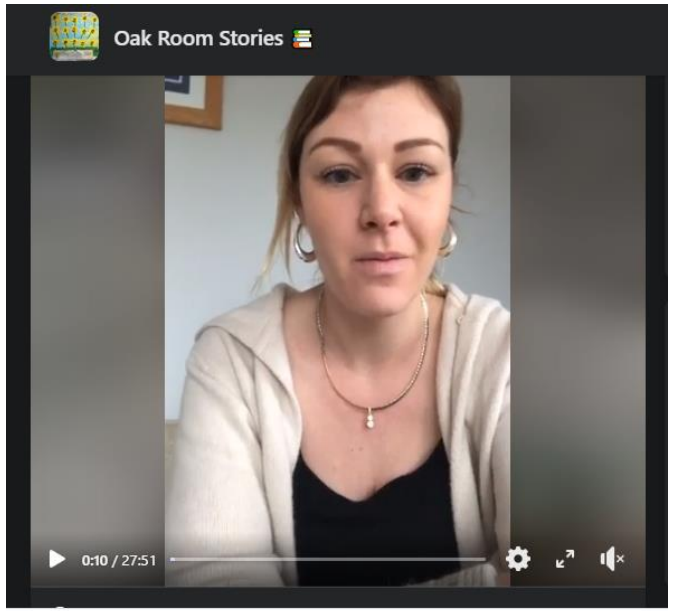


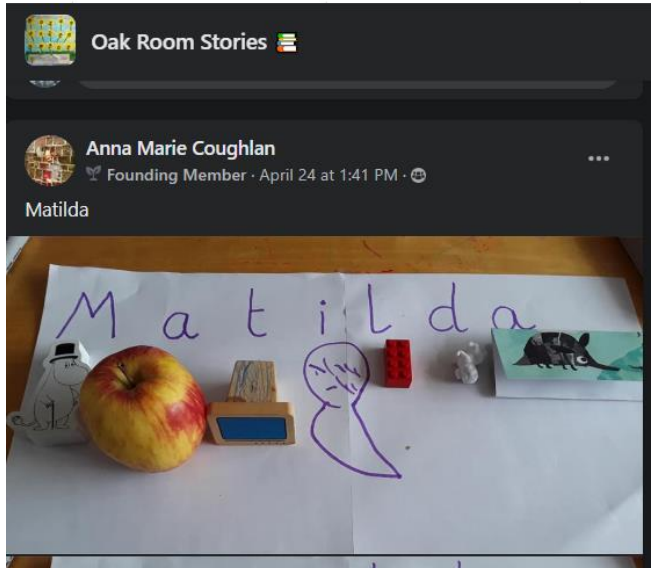


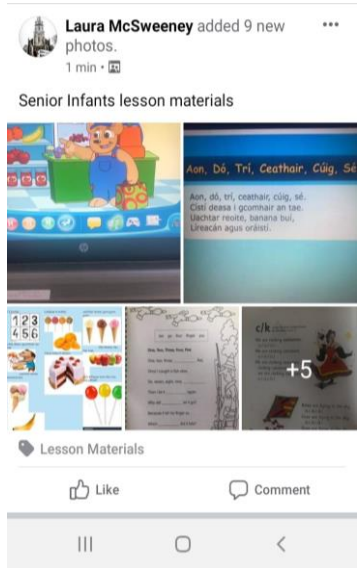
Using Technology

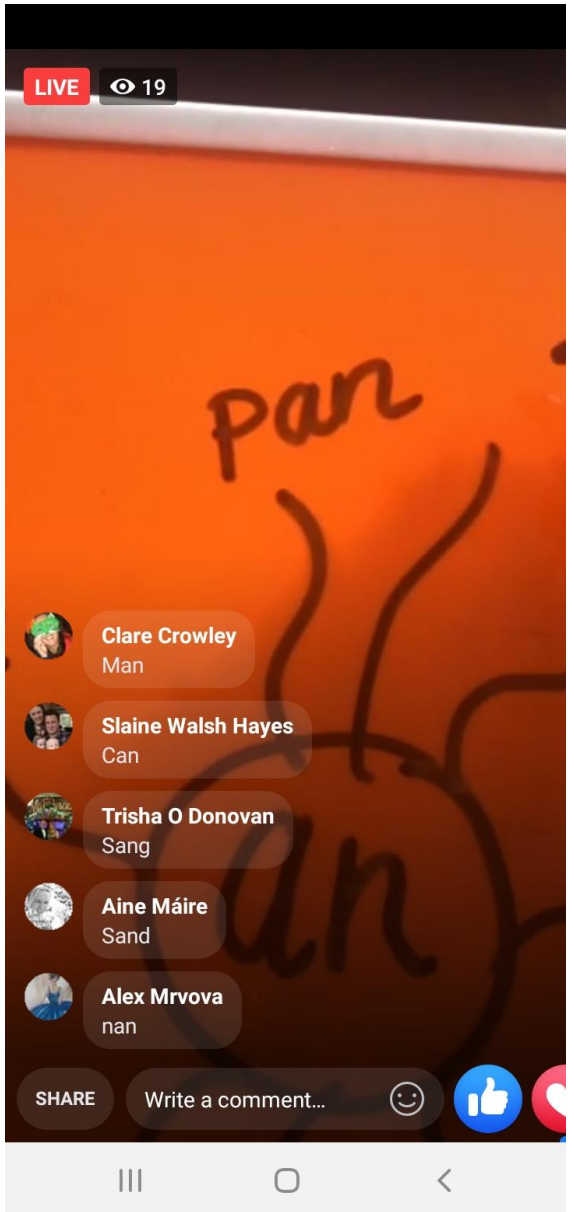
Facebook

The infants use Facebook Live daily to interact with their teacher with the help of their parents devices and putting answers into the comments sections and posting their own work in the group in response to their work being posted for the day.

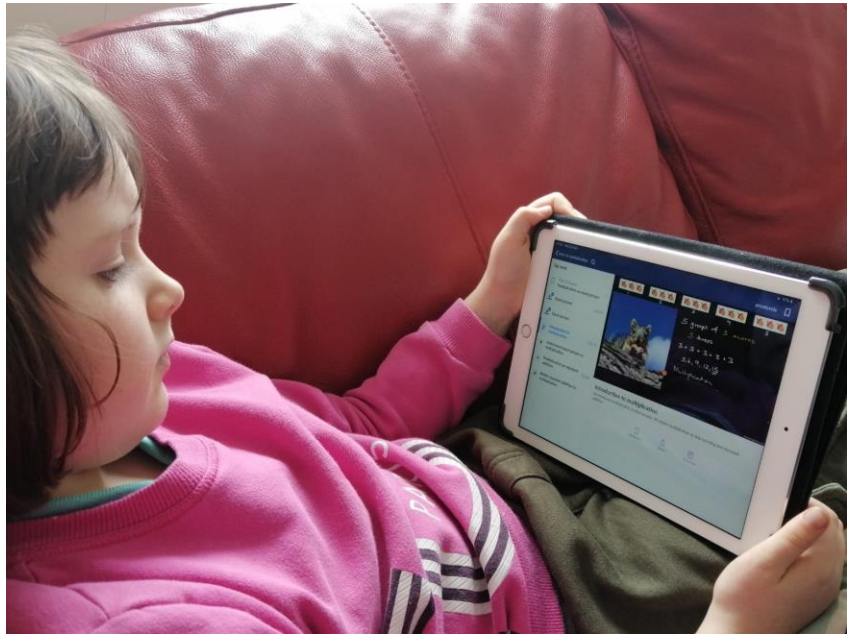


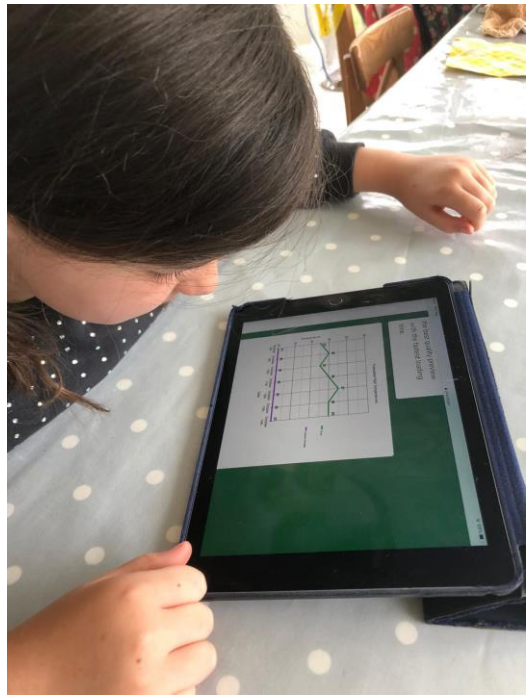






Home Learning





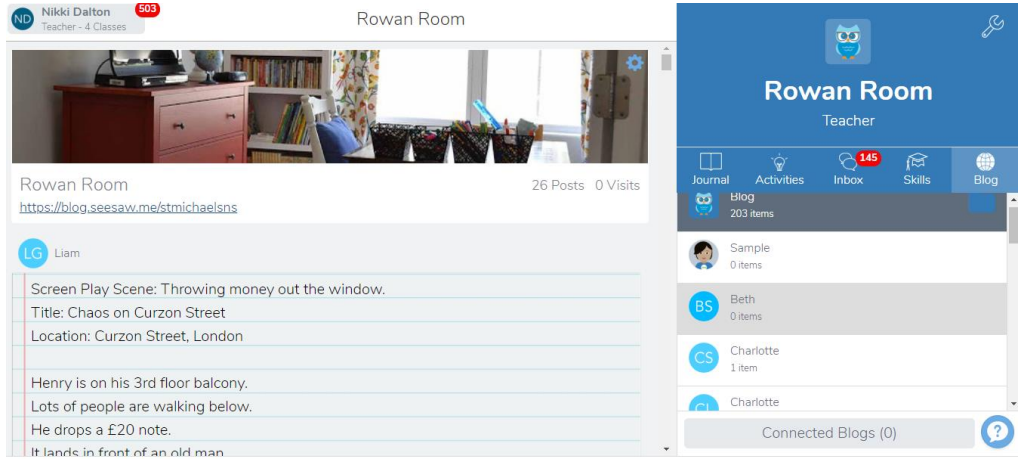
SPELLINGS for me

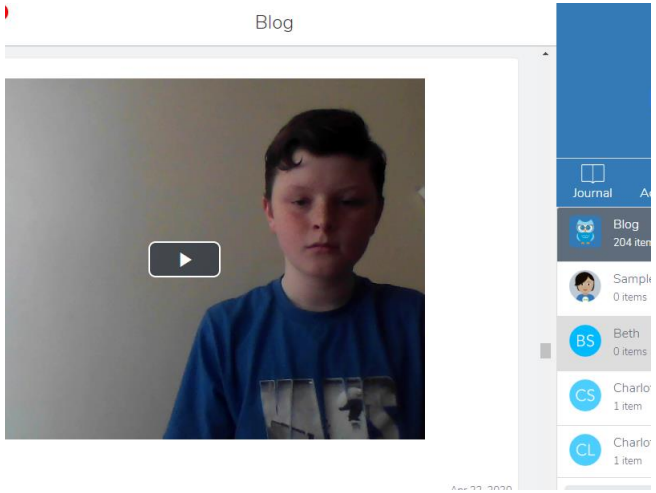
Bua na Cainte

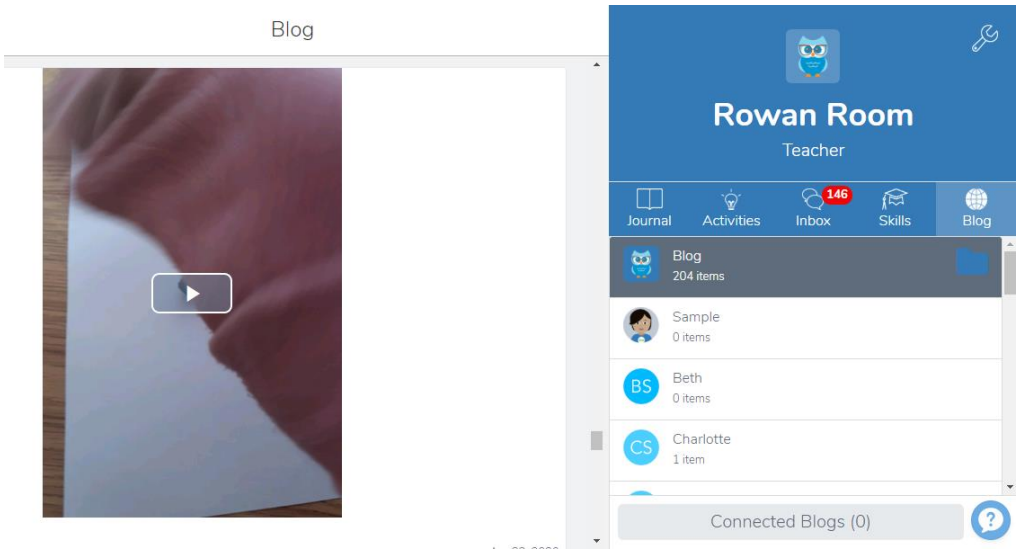
IXL®

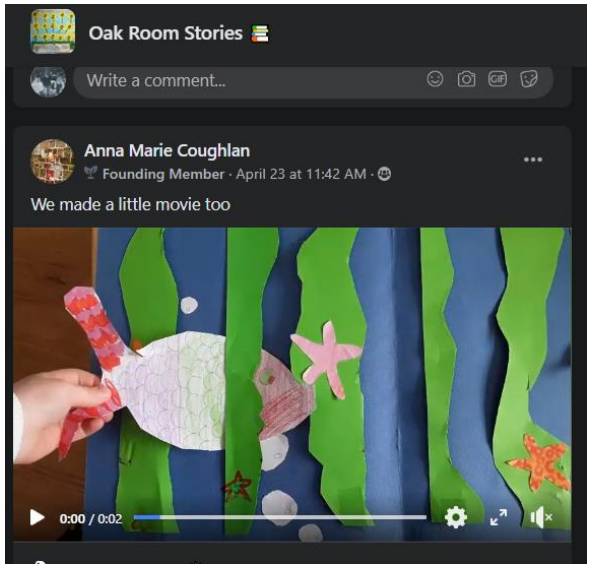
Blog & Videos

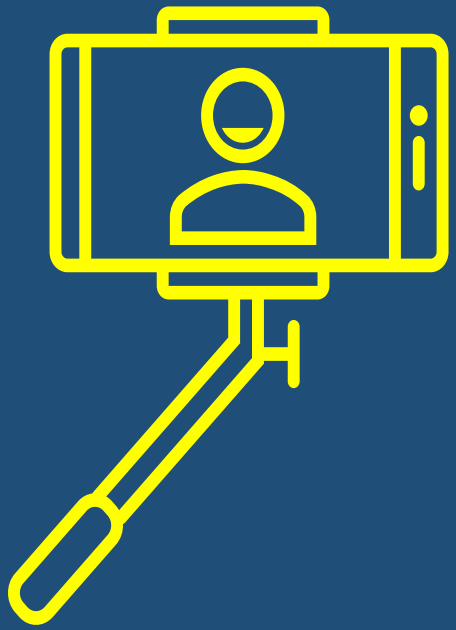
The pupils in all rooms are active contributors to the blogs for the classroom. Here they can post projects and activities they have developed themselves including videos and written blog posts.







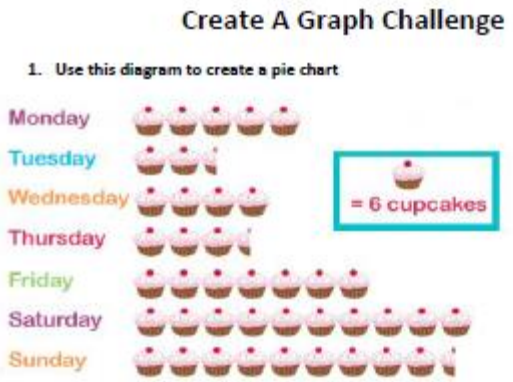


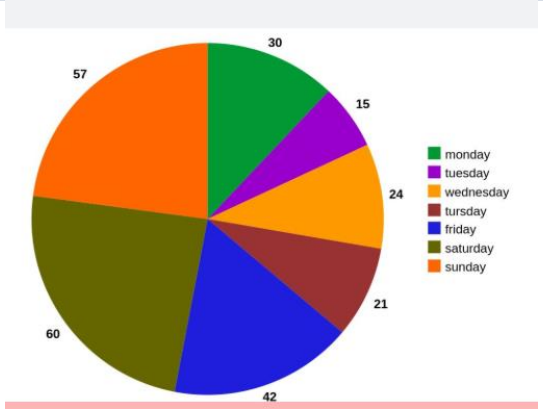


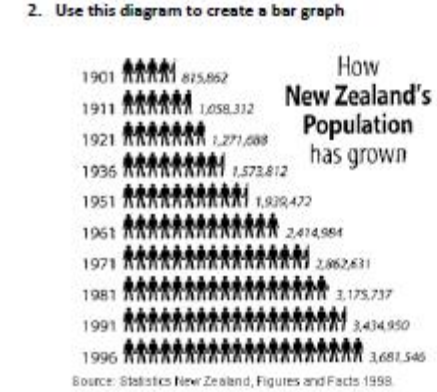
Analyse Data

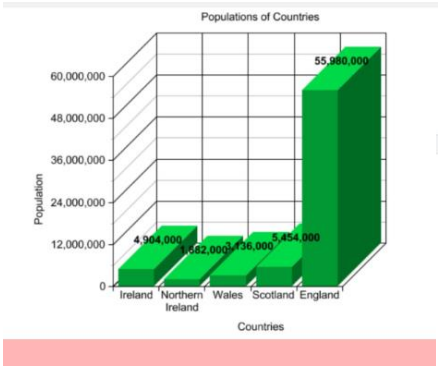
Create-A-Graph

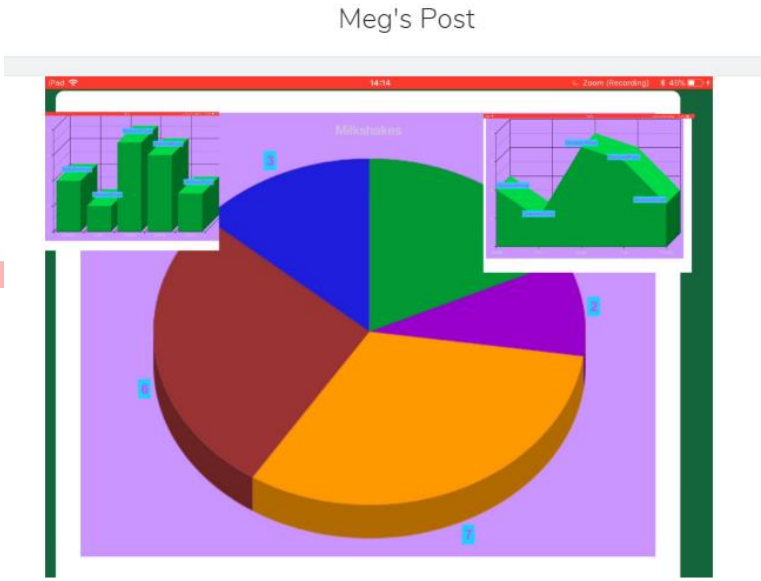
Our 3rd – 6th classstudents were given a challenge to interpret information and put it into a graph as part of a maths challenge. They had to use 'Create-A-Graph'.









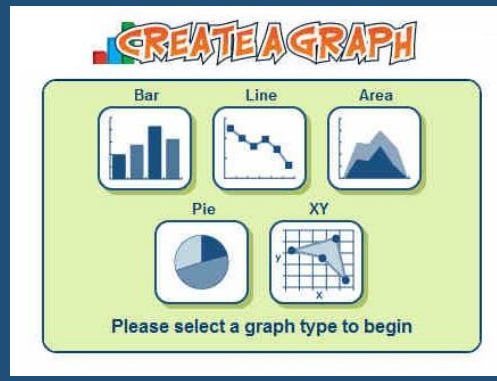


3. Use this information to create another graph other the pie chart or bar graph

Los alcazares: **Weather Forecast**

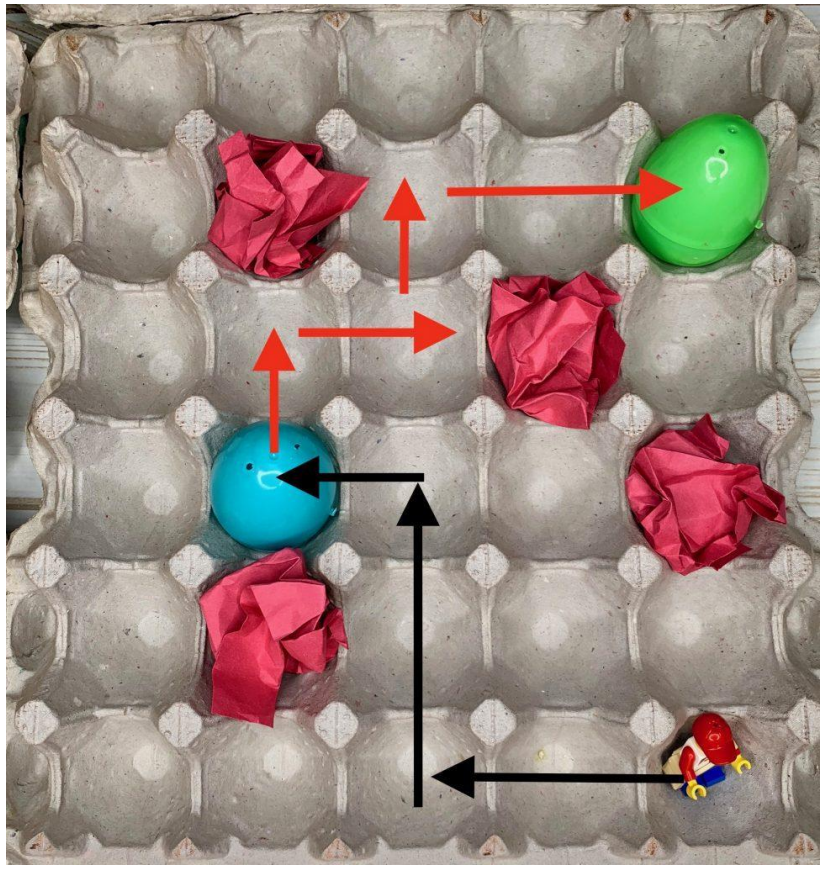
The warmest day over the next 25 days in Los alcazares is forecast to be 12th October at 27°C (81°F) and the warmest night on 13th October at 18°C (64°F). The average temperature over the next 25 days is forecast to be 23°C (73°F). The average for October is 20°C (67°F) in Los alcazares.

SUN	MON	TUE	WED	THU	FRI	SAT
8 OCT	9 OCT	10 OCT	11 OCT	12 OCT	13 OCT	14 OCT
25°C	26°C	25°C	26°C	27°C	26°C	26°C

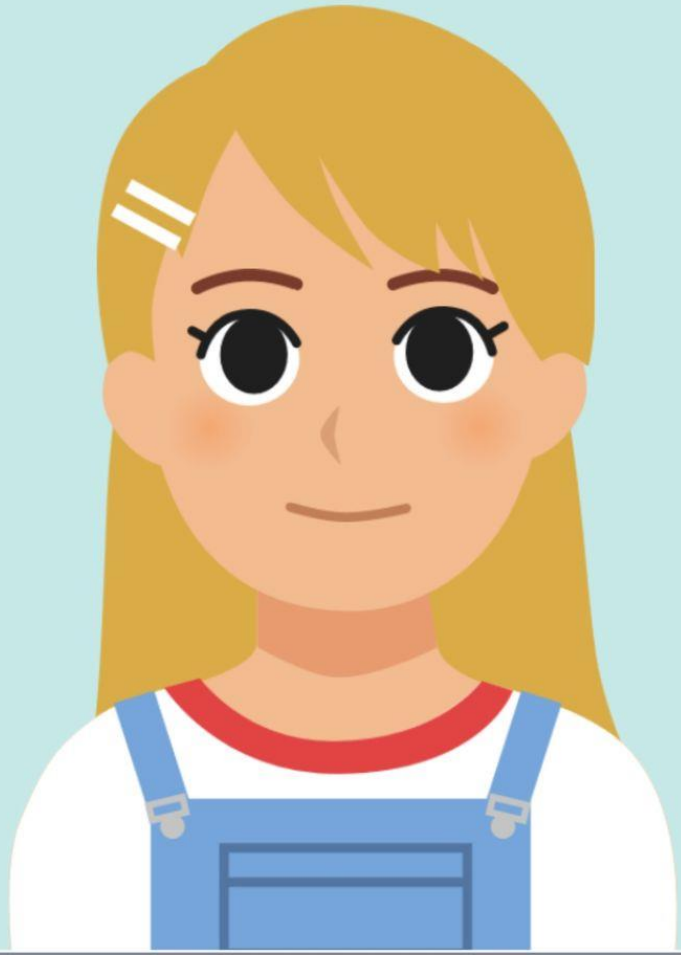


Coding

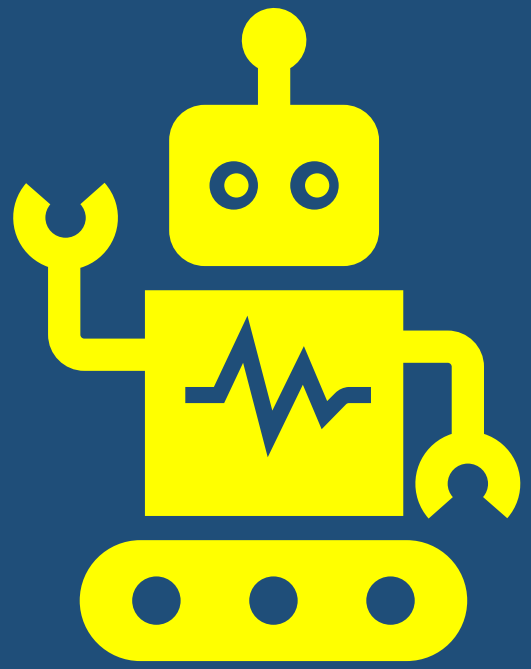
Students are learning to code through Scratch as well as through Studio Code.



Beth in 2nd class. Self portrait in Scratch.



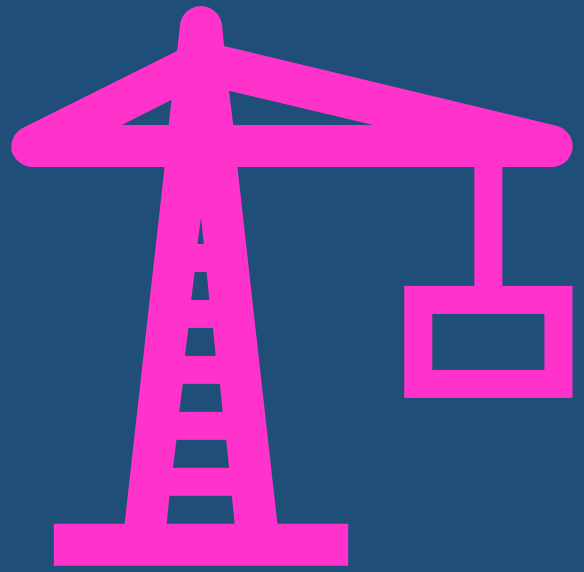
https://studio.code.org/



St.Michael's Church Of Ireland National School

2020/DSM/907

STEP.3. - Engineering



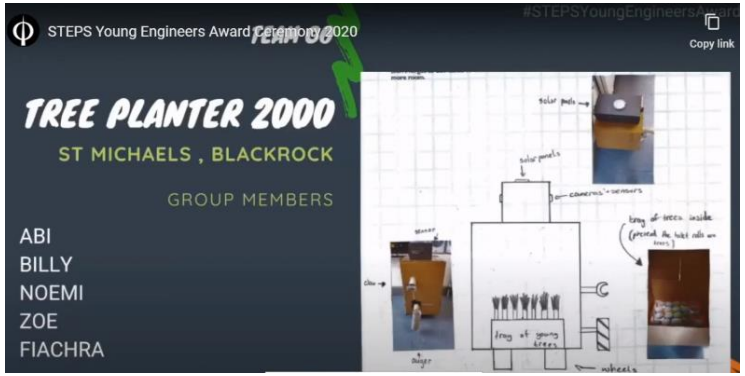
Graham Doyle from Steps Engineering Project visited Chestnut Room to workshop their creative engineering designs

Engineering

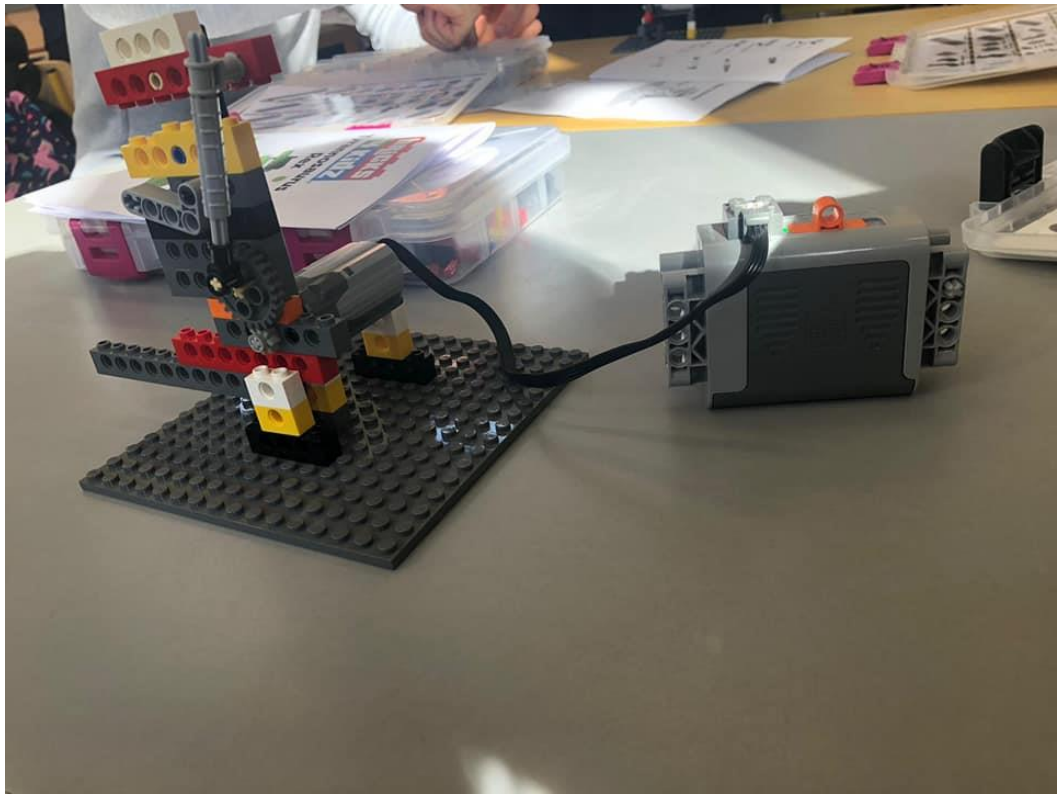
Steps Engineering Project

Steps Engineering Awards

One of the Engineering Teams from 4th class was shortlisted to attend the Steps Young Engineers Awards.
Runners Up!



Digiwiz



Digiwiz visited us and all the classes had a lot of fun doing the engineering activities.

St Michael's Lego Club

St. Michael's has it's own Lego Club where children engage in various creative engineering challenges.

As part of Engineer's Week, the classes took part in various activities.

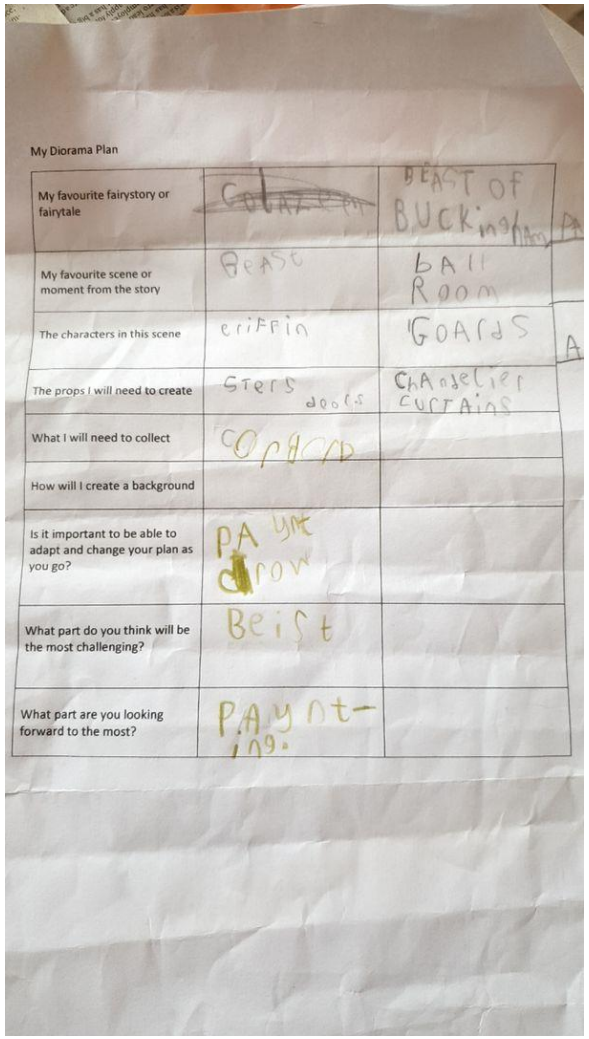
Engineer's Week

02-08 Mar 2019

STEPS
Engineers Week
2 - 8 March 2019

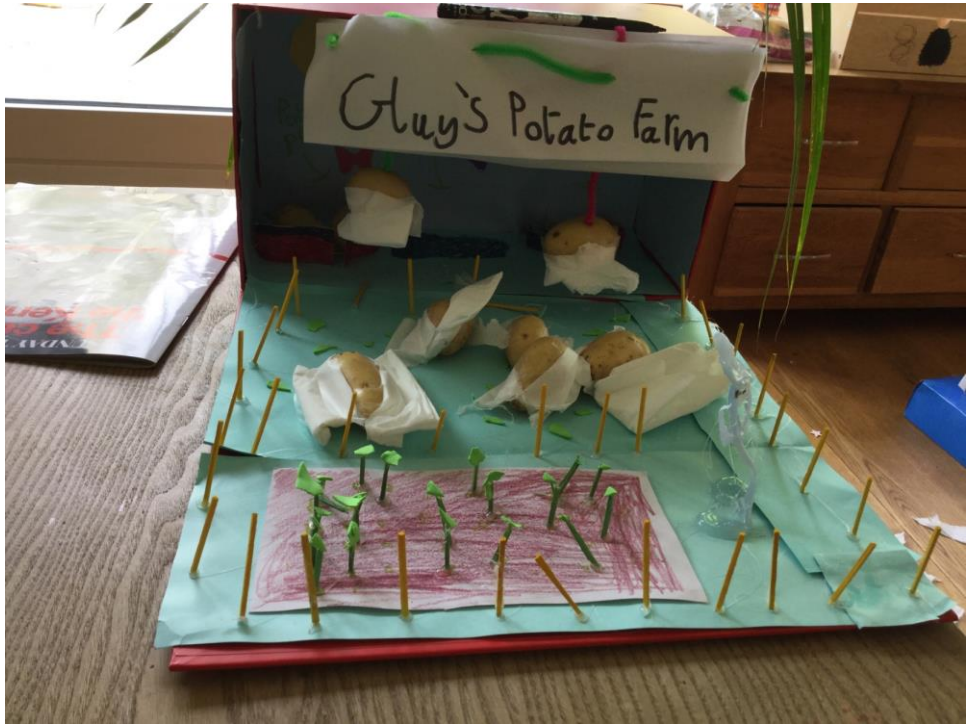
Design and Make Dioramas

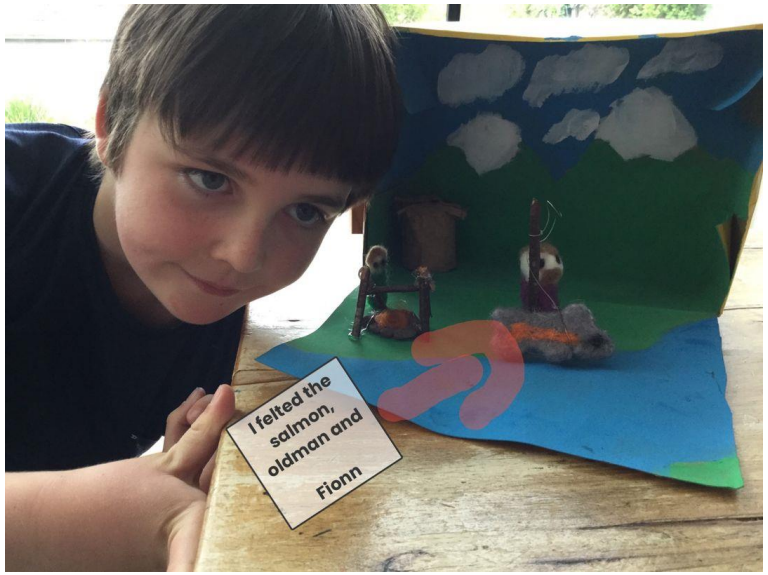
Students from 1st and 2nd class had to plan, design and then make their own dioramas



My Diorama Plan

My favourite fairystory or fairytale	~~Colazzen~~	BEAST OF BUCKingham
My favourite scene or moment from the story	BEAST	bALl Room
The characters in this scene	eriffin	GOARdS
The props I will need to create	Sters doors	ChAndelier CurtAins
What I will need to collect	CORHORD	
How will I create a background		
Is it important to be able to adapt and change your plan as you go?	PA ynt drow	
What part do you think will be the most challenging?	Beist	
What part are you looking forward to the most?	PAynt-ing.	





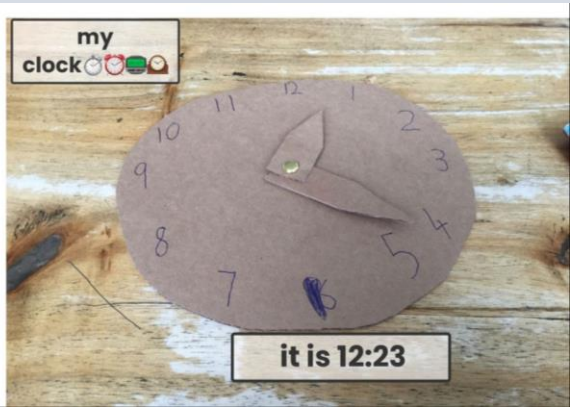
Homeschooling Challenges

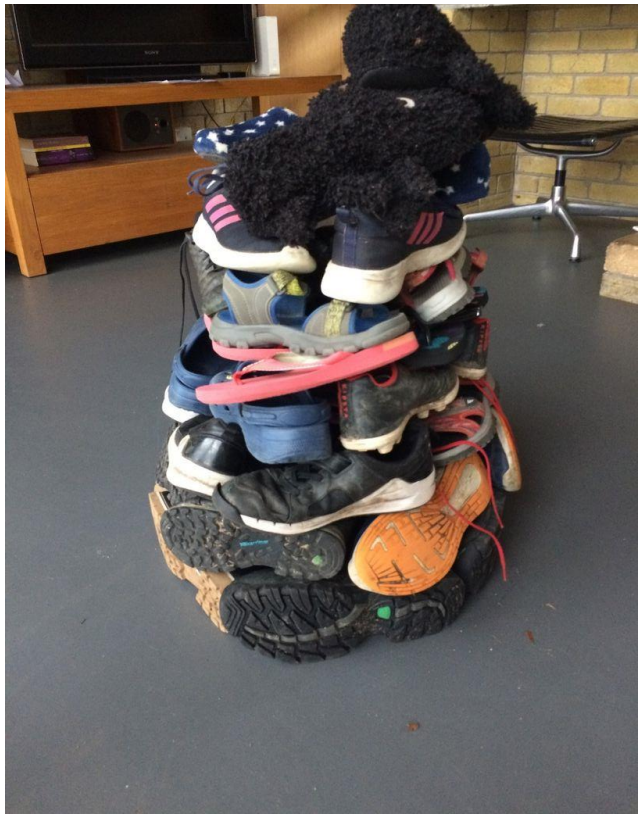
During school closure we used the Seesaw platform for the students to take part in some engineering challenges.

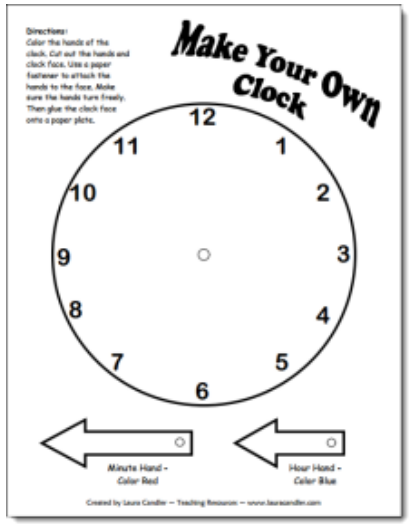
Week 4 THE GREAT SHOE CHALLENGE

In groups...
Use your shoes to...
Make the tallest tower
The longest line of touching parts of the shoes
Most creative
Work as a team....
Photograph your structures...measure with measuring tapes
View others in the class...
MAKE A BOOK CREATOR PAGE TO SHOW YOUR CREATIONS
POST
Measure your shoes...
Create agreat pattern/creature

4 Responses, 0 Waiting for Approval, 0 Drafts, 17 Not Responded Add Response







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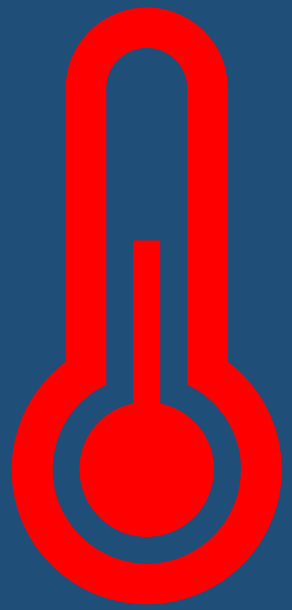
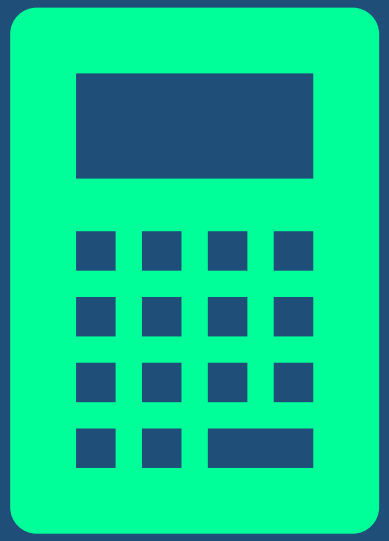
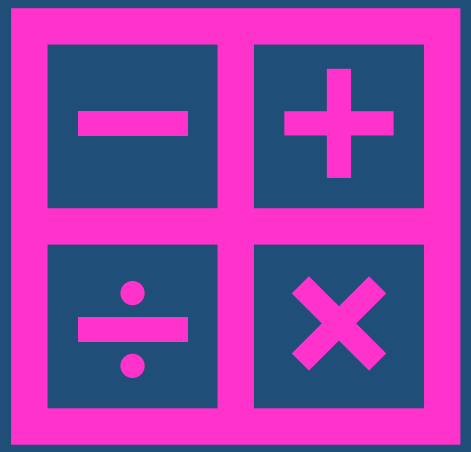
STEP.4. - Maths







Measuring

Baking

It was fun learning about capacity, volume and weight by making our own mug cupcakes!!!

Aistear

The Infant Room learns maths skills through Aistear play. We play shop, restaurant and school.

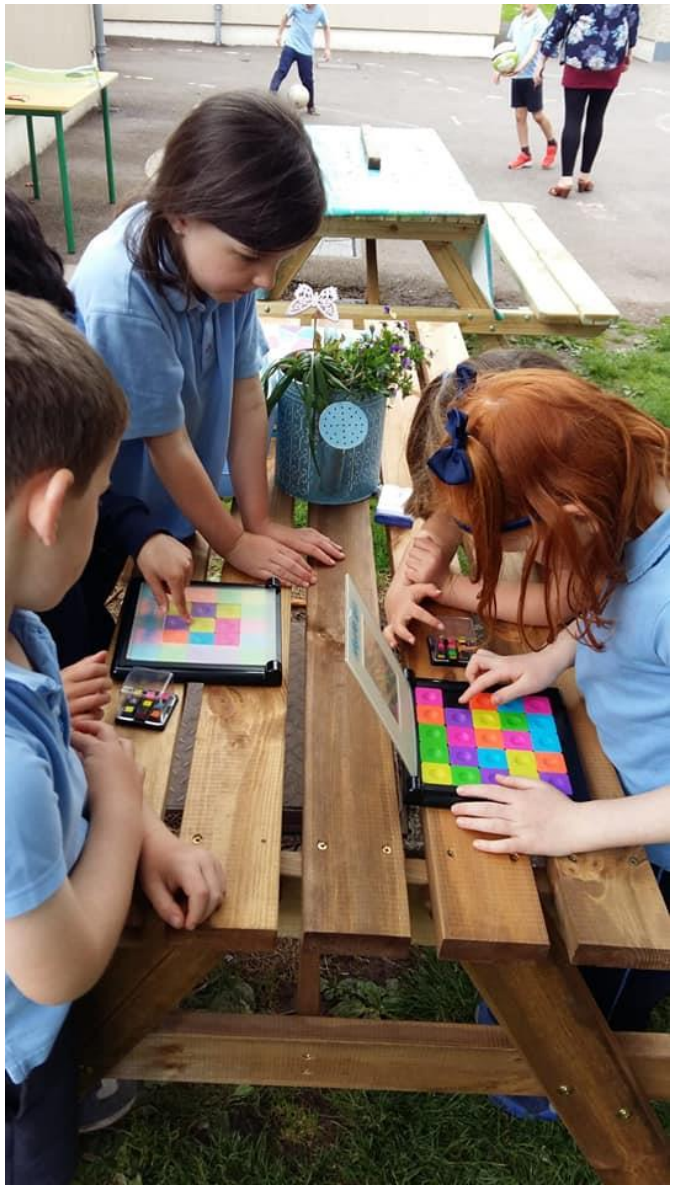
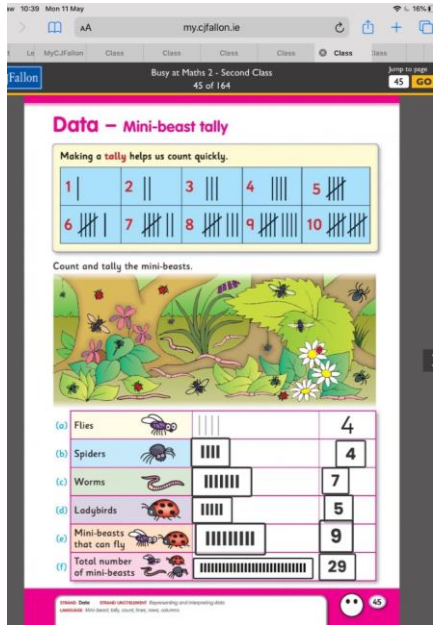
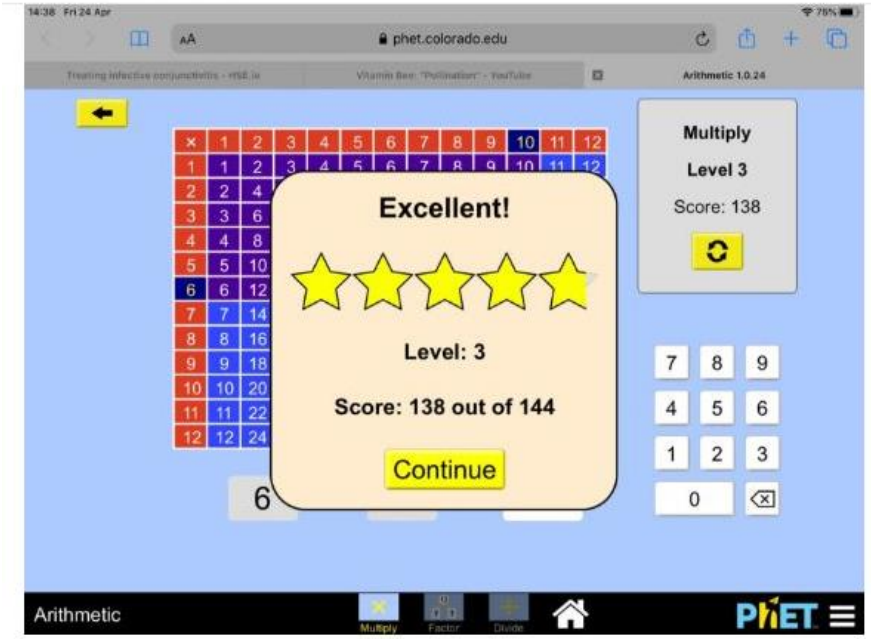
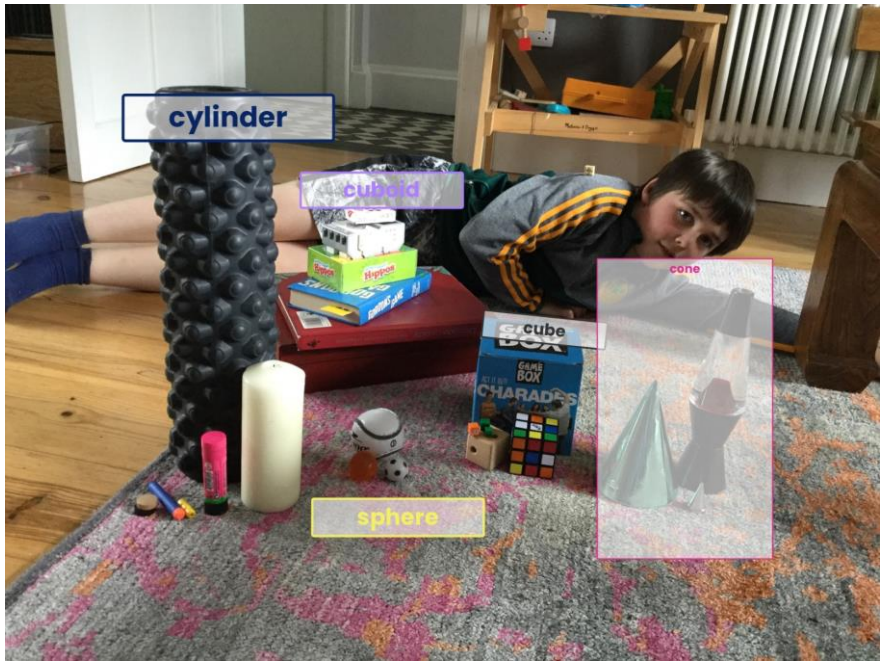
Capacity

Capacity can be fun (and messy!)

Maths Games

PIC•COLLAGE

How many
fewer
difference
TAKE AWAY
Subtract
Less
Take away
difference
Subtract



Homeschool Challenges