



curious
minds

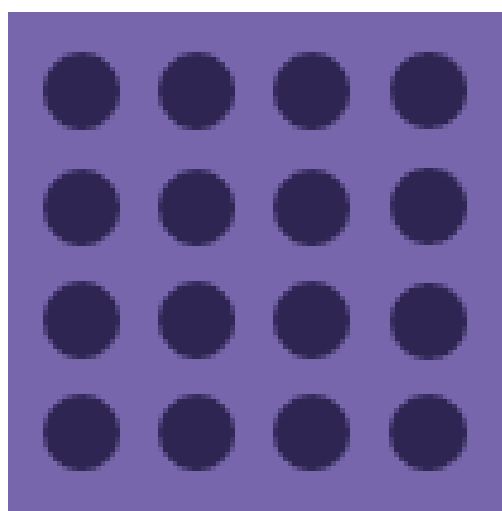
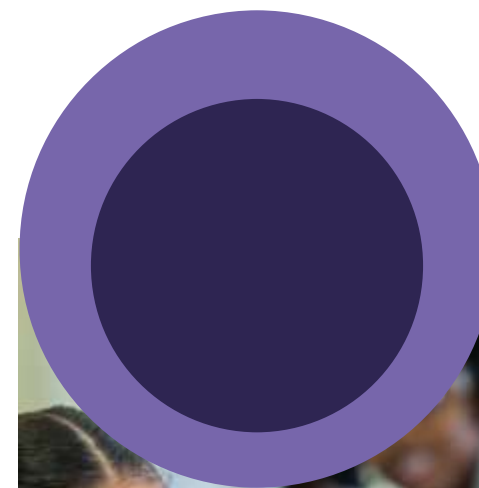
Discover STEM

Curious Minds Award 2025/26

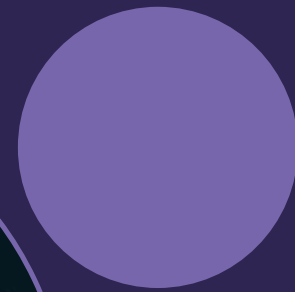
Log of Evidence

Gold Award

Caheragh NS



Step 1: Science



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Step 1: Science

Living Things



The Junior Room planted potatoes and learned about germination when they planted beans in tissue.





The Junior Room recently planted freesias.





The Middle room planted potatoes and harvested them last September.



The Middle Room carries out experiments about soil content, plants need light to grow and how plants absorb water.



The Senior Room planted potatoes and a variety of other plants including beetroot.



Gold Award

Step 1: Science

Energy and Forces



The Junior Room did some experiments on sound and static electricity.





The Middle Room did some experiments on electricity, light and magnetism.

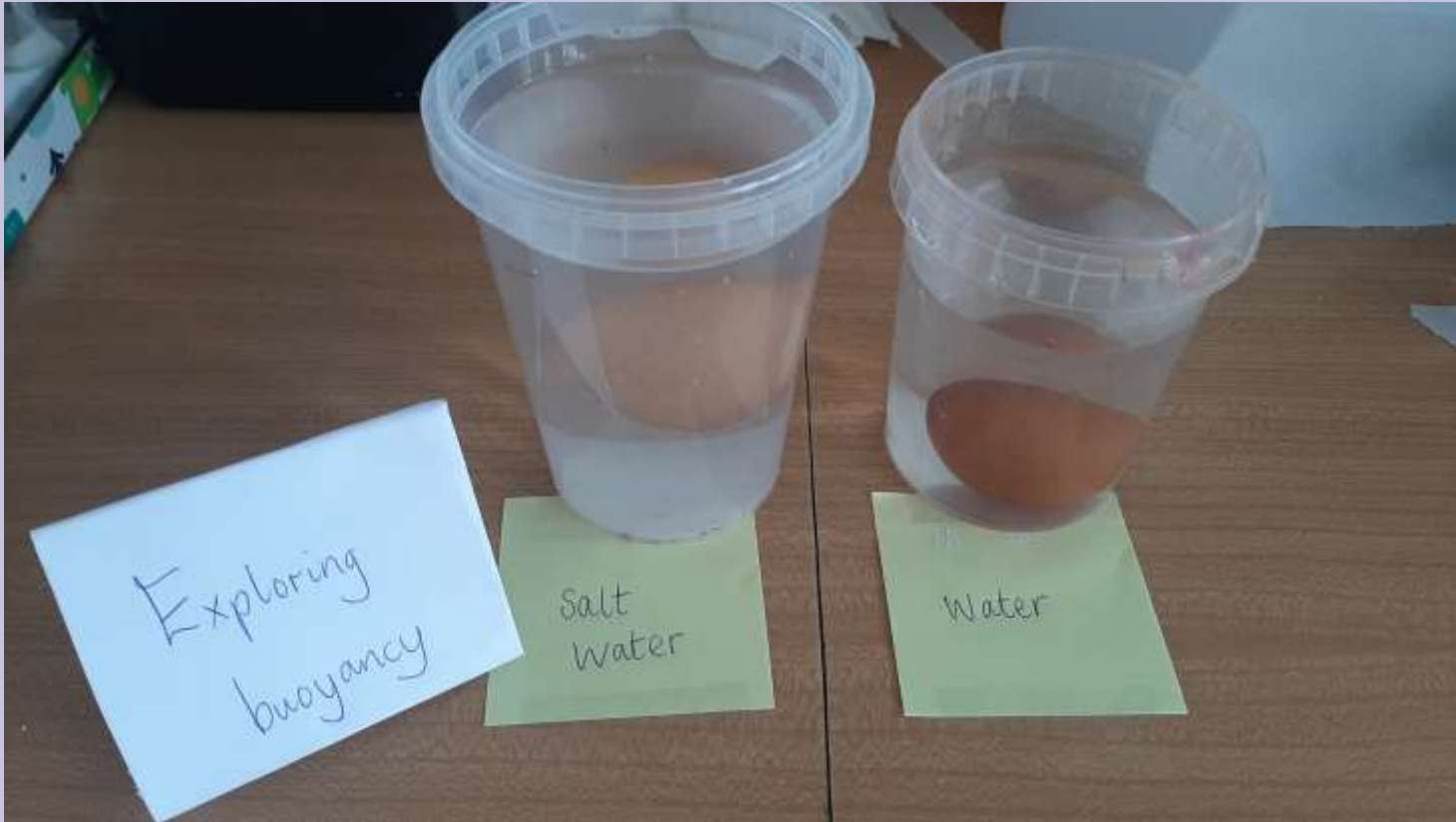


Sound and friction experiments

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Step 1: Science

Materials



The Junior Room explored buoyancy and inflating a balloon with warm air.





The Junior Room explored the acids and alkalis and grew Gummy Bears.



The Middle Room also explored acids and alkalis. They looked at the density of liquids and created foaming fizz for a volcano. They also looked at Which material made the bounciest ball.



The Senior room made their own hand sanitiser and explored the importance of using hand sanitiser.

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Step 1: Science Environmental Awareness and Care



As well as lots of planting the Junior Room made bird feeders.





The Middle Room made recycled paper.



The Middle Room explored gases emitted by rotting food.



The Senior Room dressed in blue and had a water awareness day. They did activities to show the importance of water and water conservation.



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Step 1: Science Science Activity 1- Space Week



The Junior Room explored a balloon rocket and used a telescope.





Juniors making moonsand.





The Middle Room did space art and used a telescope.





The Senior and Middle rooms using a telescope.

Space Week Events – Teacher Resources
<https://www.spaceweek.ie/space-week-resource-pack-2025/>

Banksy Space Art- Online demonstration

Phases of the Moon- Getting children themselves to observe the phases of the moon- Moon calendar

What Age are You on Mars?- Maths activity-
<https://www.schoolobservatory.org/things-to-do/whats-your-age-another-planet>

Living in Space- videos

Telescope Demonstration

Space Week plan



The Senior Room looked at the phases of the moon using Oreos.

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Step 1: Science Science Activity 2- Science speaker



Robert Plant spoke to the Middle and Senior Room about local wildlife.

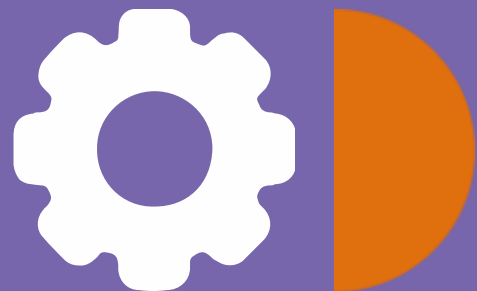
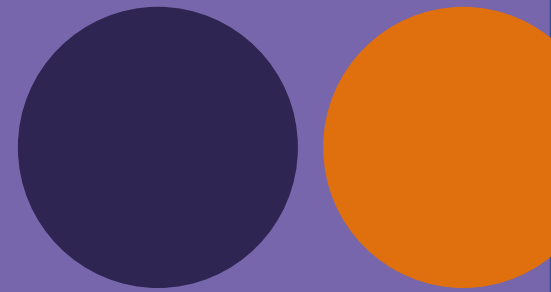




School Tour to Fota 2024 where we did a mini beast hunt.



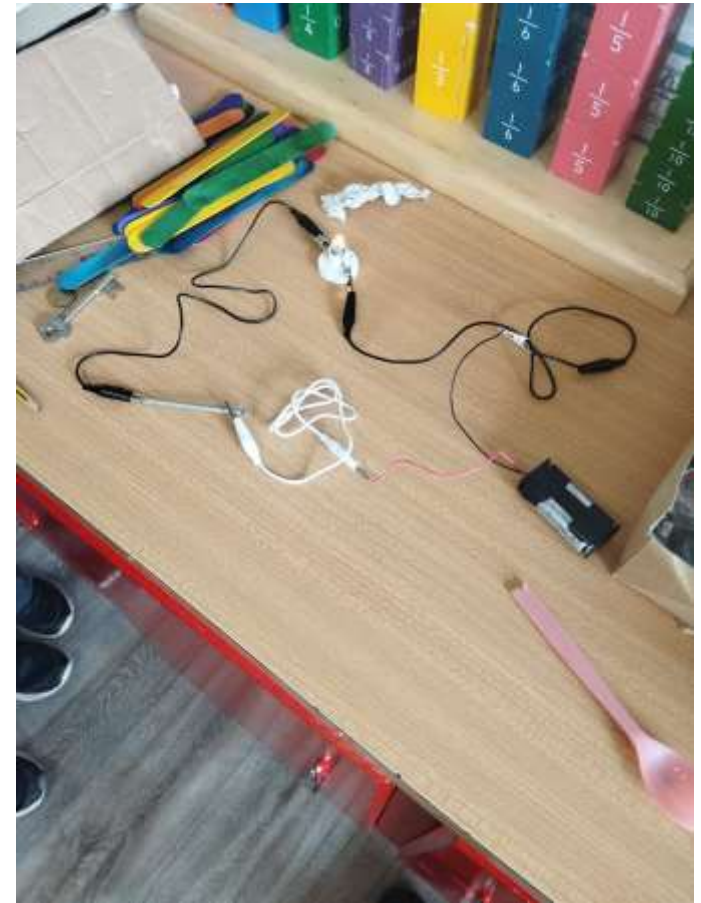
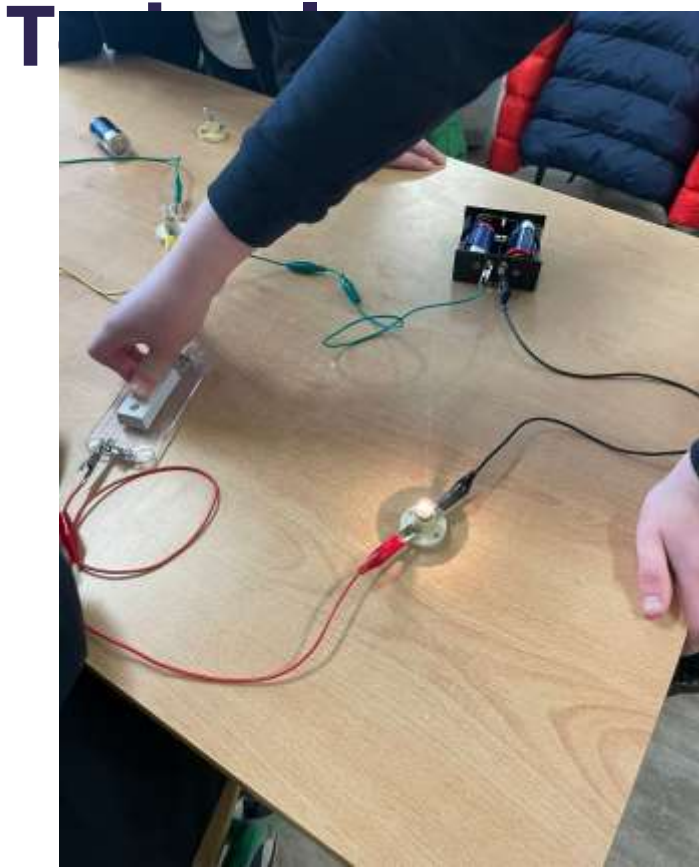
Step 2: Technology



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Step

2: First Activity- Electrical Circuits



All classes explored electricity and electrical circuits.





Electrical circuits



All classes use I pads and laptops for classwork and projects.





Using IT in the classroom.
The Senior Room using the new
I pads.

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Step

Technology

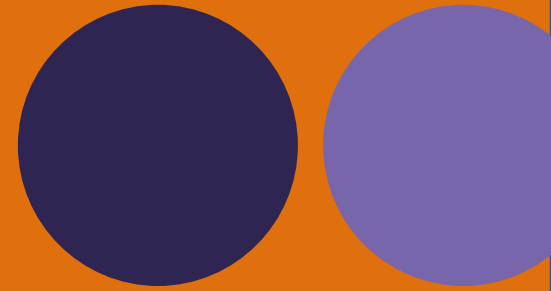
Second Activity- Game based learning through technology



The Senior Room took part in an on-line chess tournament.



Step 3: Engineering



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Step

Engineering

Engineering First Activity- Design 3: and make activities



The Junior room made bridges and a balloon rocket.





The Junior Room made bird feeders.





The Senior room making and designing their engineering projects.





The Senior room's Engineering projects. On display a maze, a playground and an egg drop vessel.



The Senior room engineering projects. On display a moving vehicle, a racetrack, a stadium and a lever.



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Step

Engineering Second Activity-



3: Engineering Show for Engineer's



The Middle Room presented their engineering projects to other classes for Engineer's Week. On display; a coin sorter, a balloon car and a bridge.



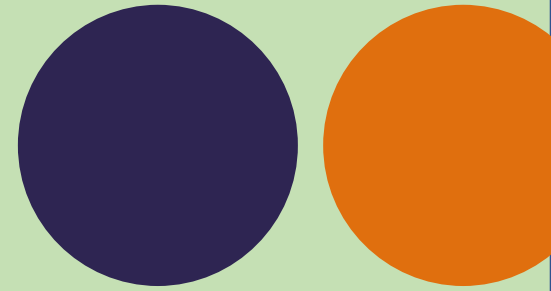


On display a Ferris wheel, rubber-band cars and a confetti launcher



On display a zip-line, a catapult and an egg drop vessel.

Step 4: Maths



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Step 4: Maths

Maths First Activity- Using Maths in Science and other subjects



Measuring the distance the car travels over different surfaces in Science- friction.



Measuring the weight of each ball and how high it bounces in Science-materials





Using Maths manipulatives to solve everyday problems



Weighing ingredients for cooking.

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Step 4: Maths

Maths Second Activity- Maths Week



The Junior Room took part in a Maths puzzle in the yard



Maths Trail 2025

What time is it now? _____

Who has the longest first name in your class? _____

Multiply (or add) the number of boys and girls in your class? _____

How many chair and table legs are there in the classroom? _____

Find half of this number? _____

What is the weight of a white board marker? _____

If everyone in the room paid 50c to enter how much money would you make?

Find a circle in your classroom, name it? _____

Find parallel line in the classroom, name them? _____

Face the clock, make a quarter turn to your right, what do you see? _____

The Middle Room did a Maths Trail

How wide is the door in centimetres? _____

How many tennis balls are in the PE shed? _____

Find a 3D shape in the PE shed, name it? _____

Find parallel lines in the yard, name them? _____

Count how many window panes are at the front of the main school building? _____

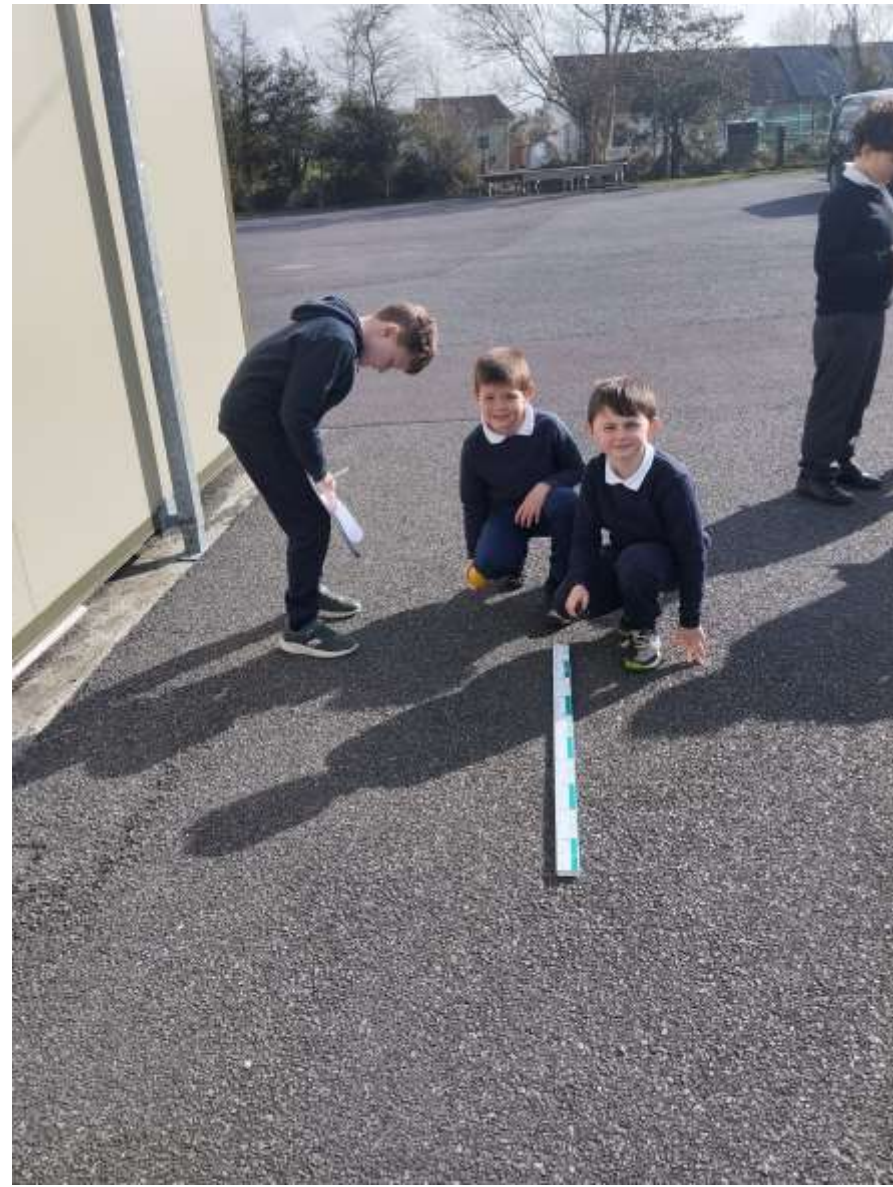
How high are the bins in centimetres? _____

Find a rectangle in the yard, name it. _____

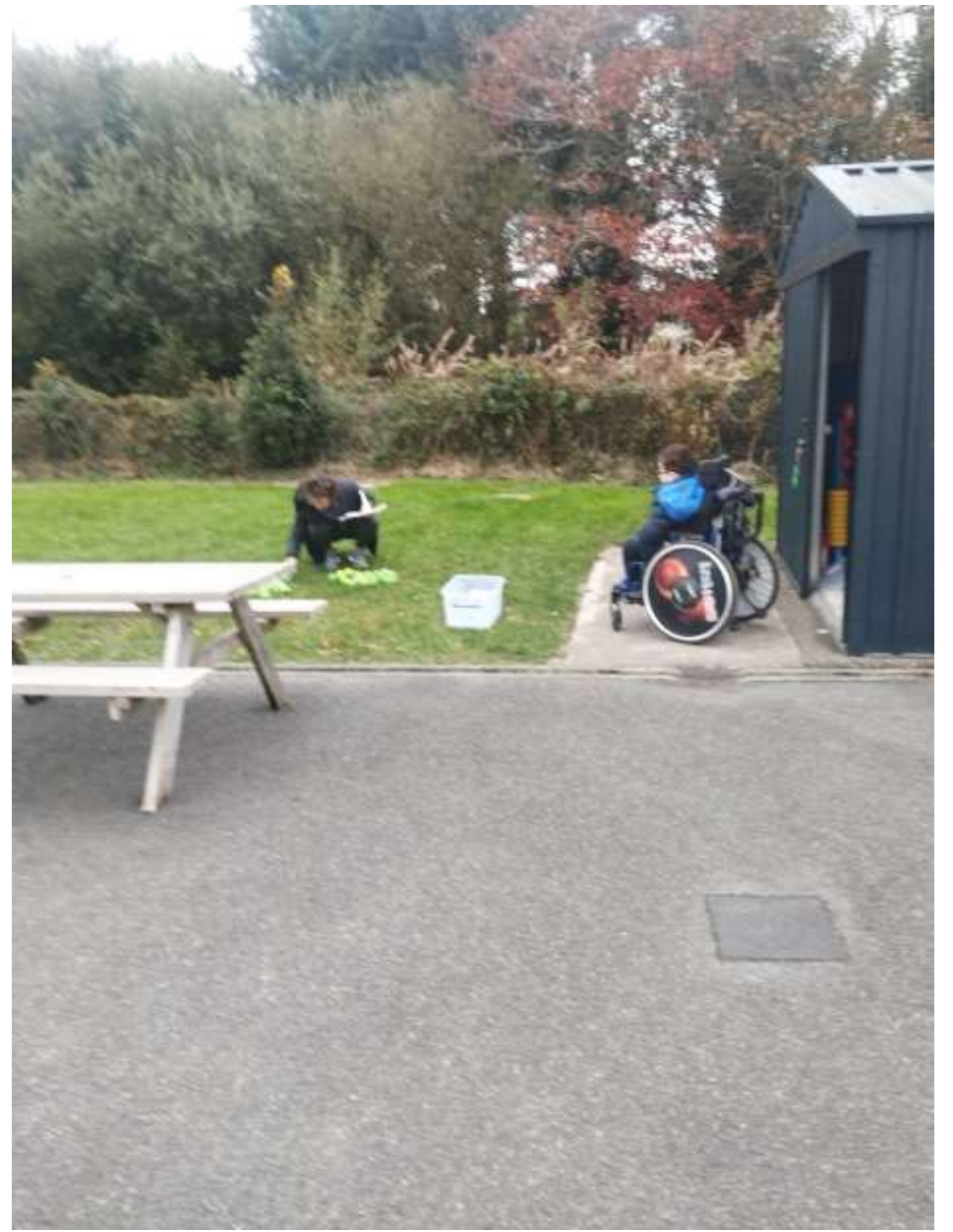
Find a number in the yard, multiply it by 5? _____

Subtract the amount of children in Junior, Senior and 1st class from the amount of children in 4th, 5th and 6th class? _____

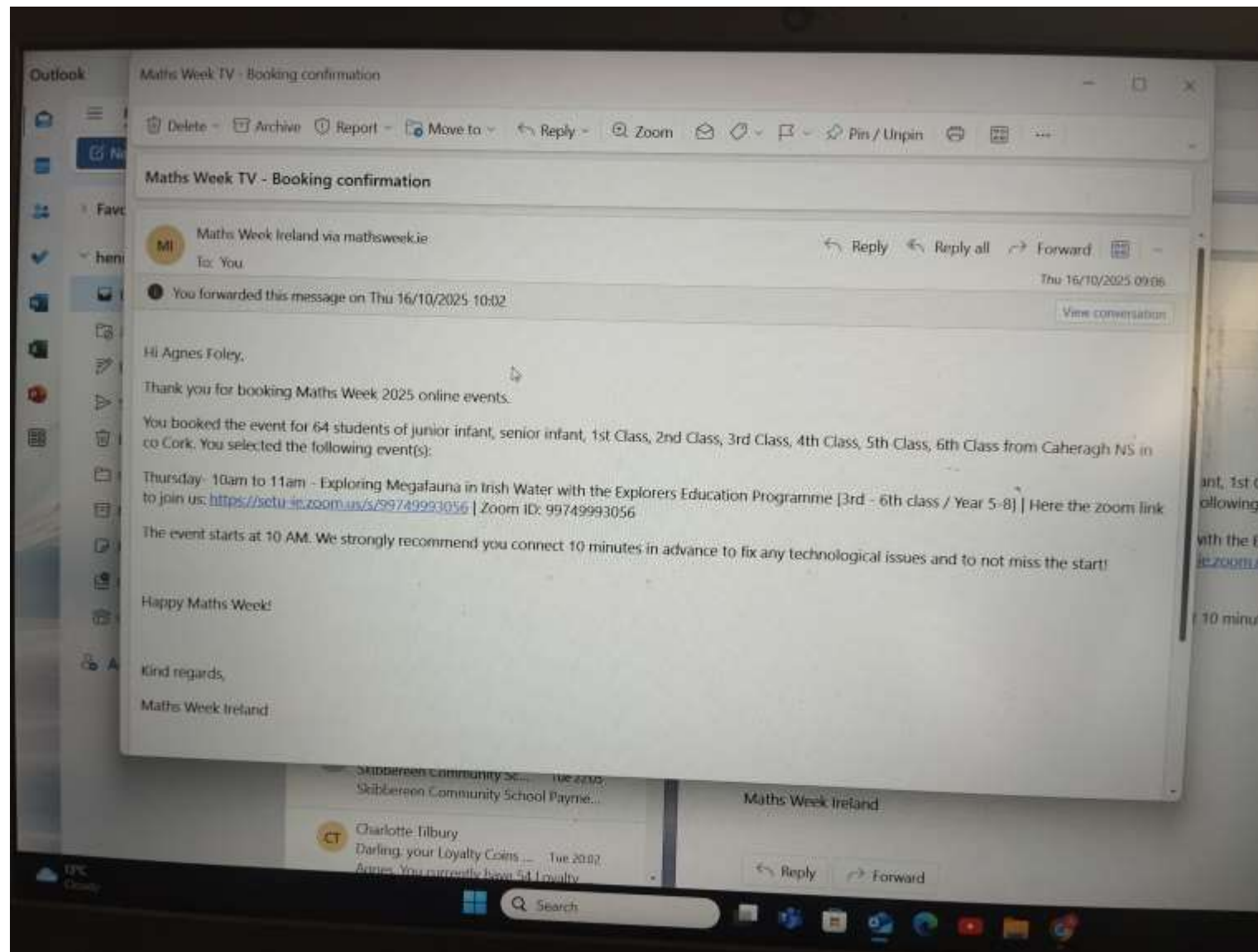
Find a pattern and draw it?







All classes took part in the Maths Week online event Exploring Megafauna in Irish Waters



Monday's Targetboard

Junior Leader Board

Caheragh NS (1634)
Senior Room (Miss Minehane)

Ballymana NS (1516)
4th Class Ballymana NS (Tom Hickey)

Gaelscoil Chluain Meala (1255)
Rang 6 (Caoimhe)

Fourtowns Primary School (1041)
P7 (Mr Bevington)

Kealkill N.S. (775)
4th, 5th & 6th Class (Ms. Daly & Ms. Pyburn)


st Patrick's legamaddy (598)
Primary 6 (Mrs Russell)

Castledrum NS (537)
3rd & 4th (Mr. Ryan)

Glinsk N.S. (511)
3rd & 4th Class (Gráinne Nolan)

St Teresa's NS (407)
5th Class (Mrs Farrell)

Central Model Senior School (330)
Ms. Farrell 5th (Ms. Farrell5th)



Senior Leader Board

Dualla NS (3275)
Mr. Manley Rang 5 & 6 Dualla NS (John Manley)

Bushypark NS (3168)
Ms. Raftery's 6th Class (Ms. Raftery)

Glinsk N.S. (1018)
5th and 6th Class (Ms Phillips)

Sacred Heart N.S. Sruleen (864)
Sacred Heart, N.S. (Sruleen)

S N Na Cille (618)
6th Class (Ms. Fitzgerald)

St Malachy's BNS (566)
6th Class (Ms Murphy & Mr O'Connell)

Dromclough National School (462)
4th, 5th & 6th (Ms. C. Dillon)

Scoil Cholmcille Drumman (411)
4th, 5th and 6th class (Maura Martin)

Knocknagoshel NS (345)
Mrs Cusack's (Mrs Cusack)

Ballinahinch N.S. (309)
Mr. McGrath's 5th & 6th Class (Mr. McGrath)

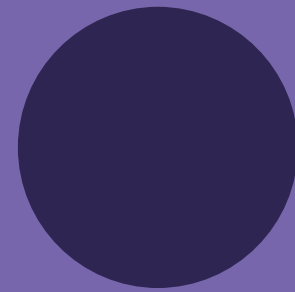
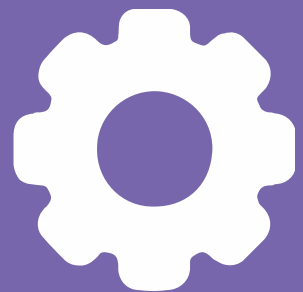
Leaderboard



The Senior Room took part in the Maths Week Target board Challenge.



Step 5: Show and Tell



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Step 5: STEM Show and Tell



The Middle Room displayed and explained their engineering projects to the Junior and Senior rooms.



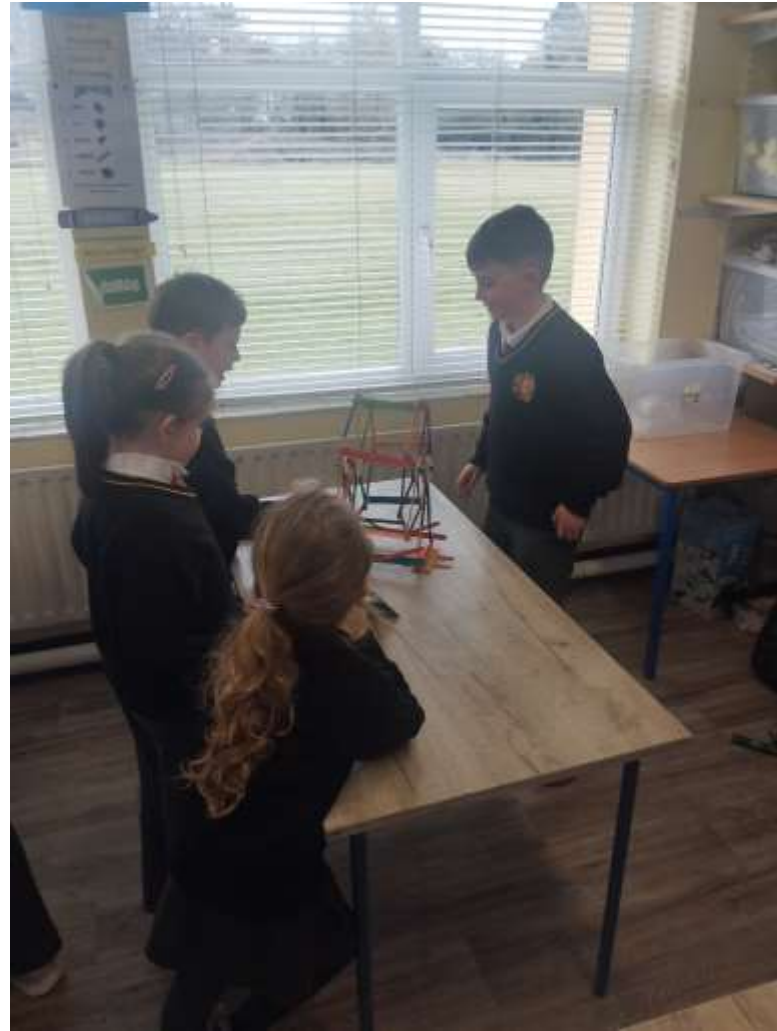


On display and being explained to Juniors, balloon car and rubber band cars.



On display and being explained to Juniors, zip line, coin sorter, balloon car and bridge.





On display and being explained to Juniors confetti launcher, Ferris wheel and zip line.



On display and being explained to Seniors, confetti launcher, bridge, Ferris wheel and egg drop vessel.



On display and being explained to Seniors balloon car etc.