



St. Kilian's
Deutsche Schule Dublin

Plaque of STEM

2020/21



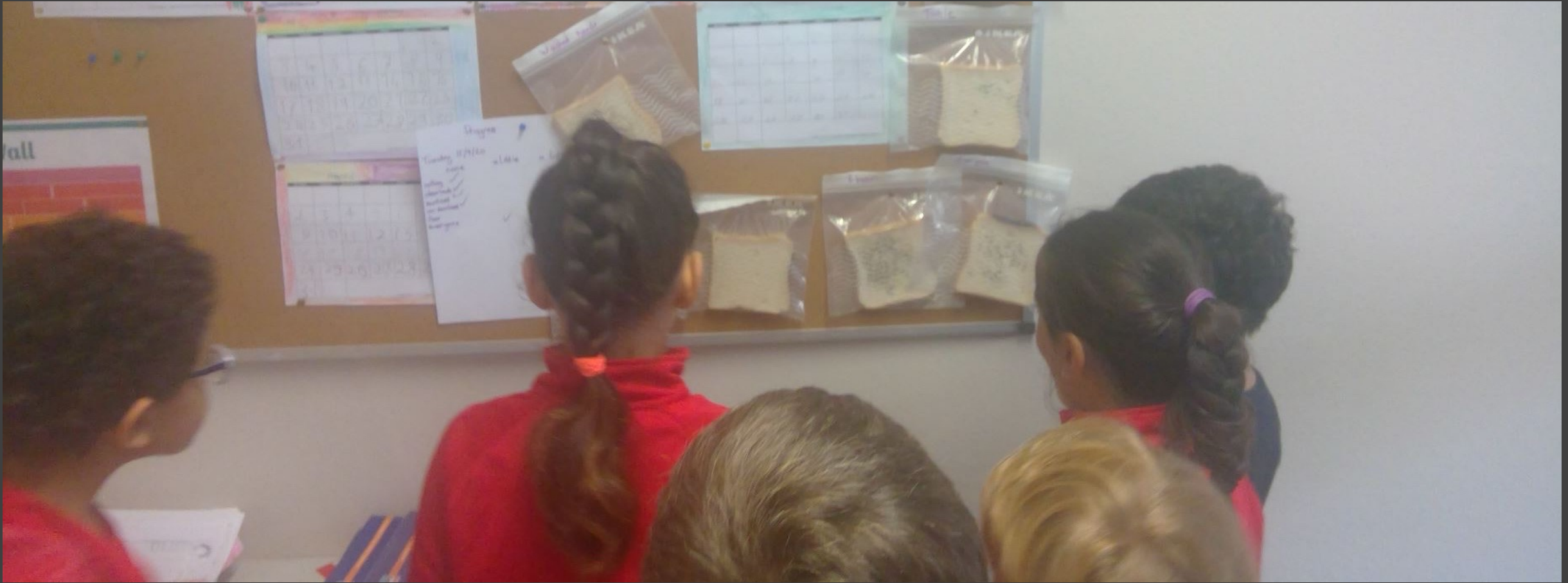
Step 1: Science

1. Living Things





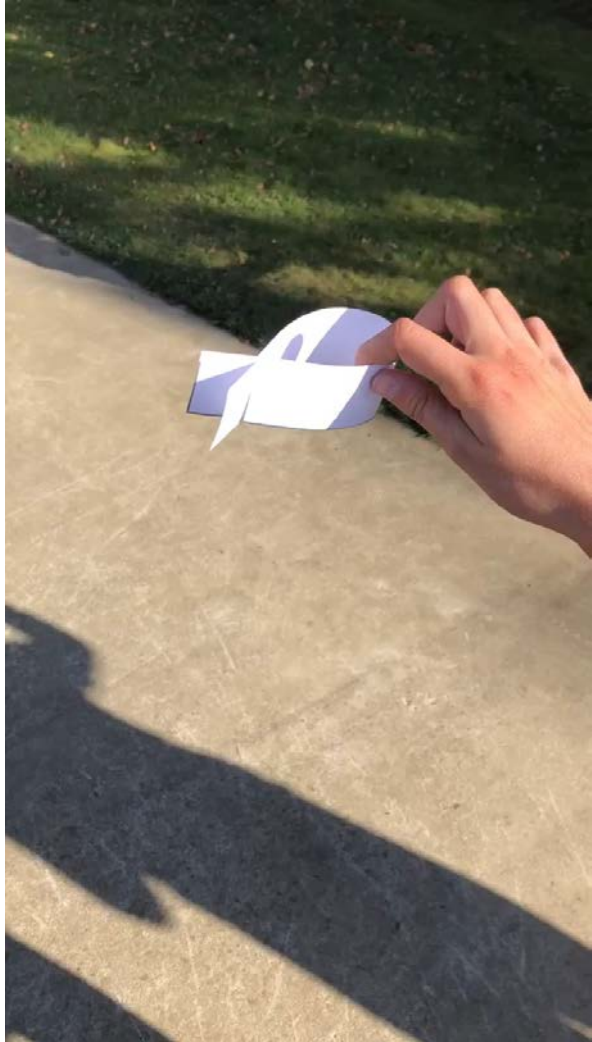
Kindergarten
Flowers
absorbing
water



2nd Class Mould Experiment

5th Class Photosynthesis





5th Class Seed Dispersal

- 6th Class

Monitoring heart rate experiment





2. Energy and Forces



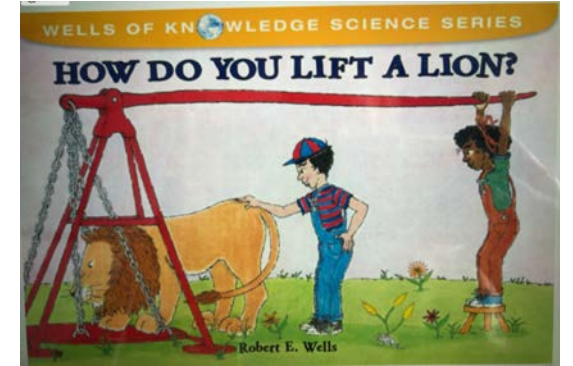
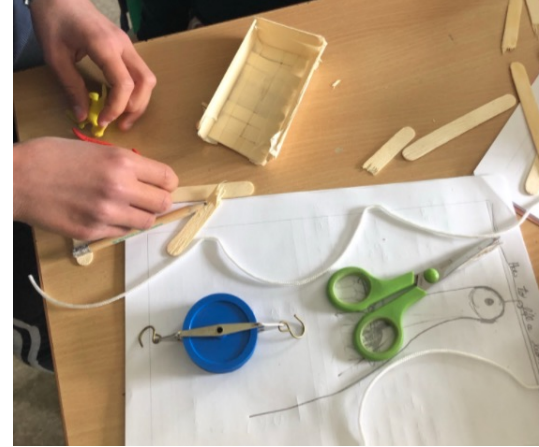
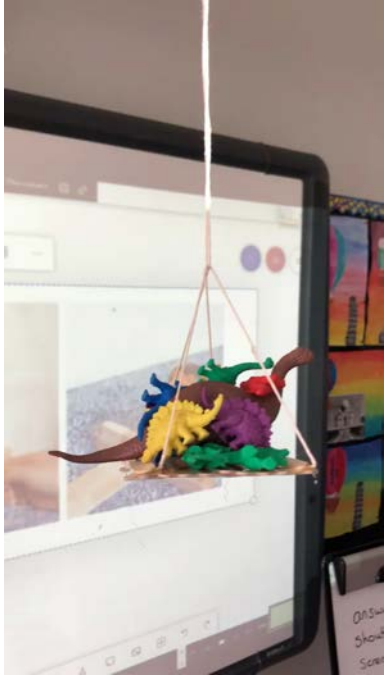


Kindergarten Dancing raisins





3rd Class Inertia



5th Class read the book 'How Do You Lift A Lion?' and learned more about simple machines. Then had a go at lifting some dinosaurs using pulleys.

2nd class designing and making plasticine boats





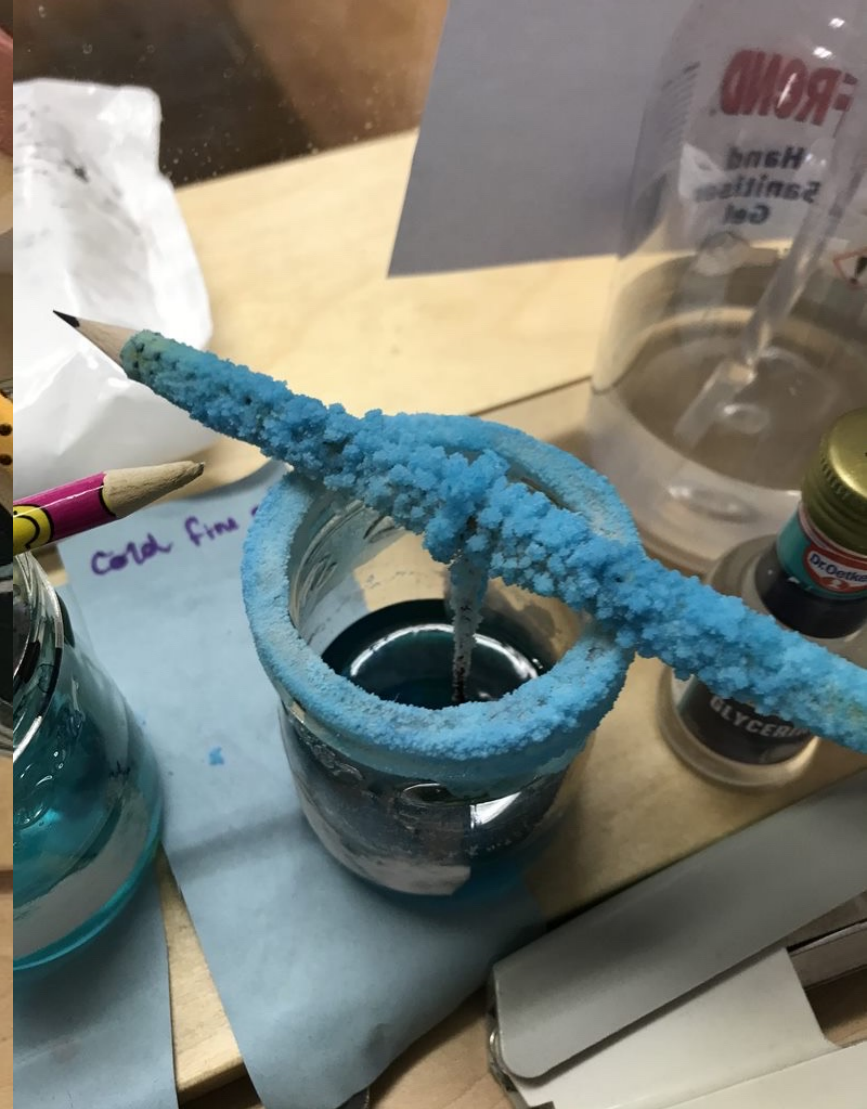
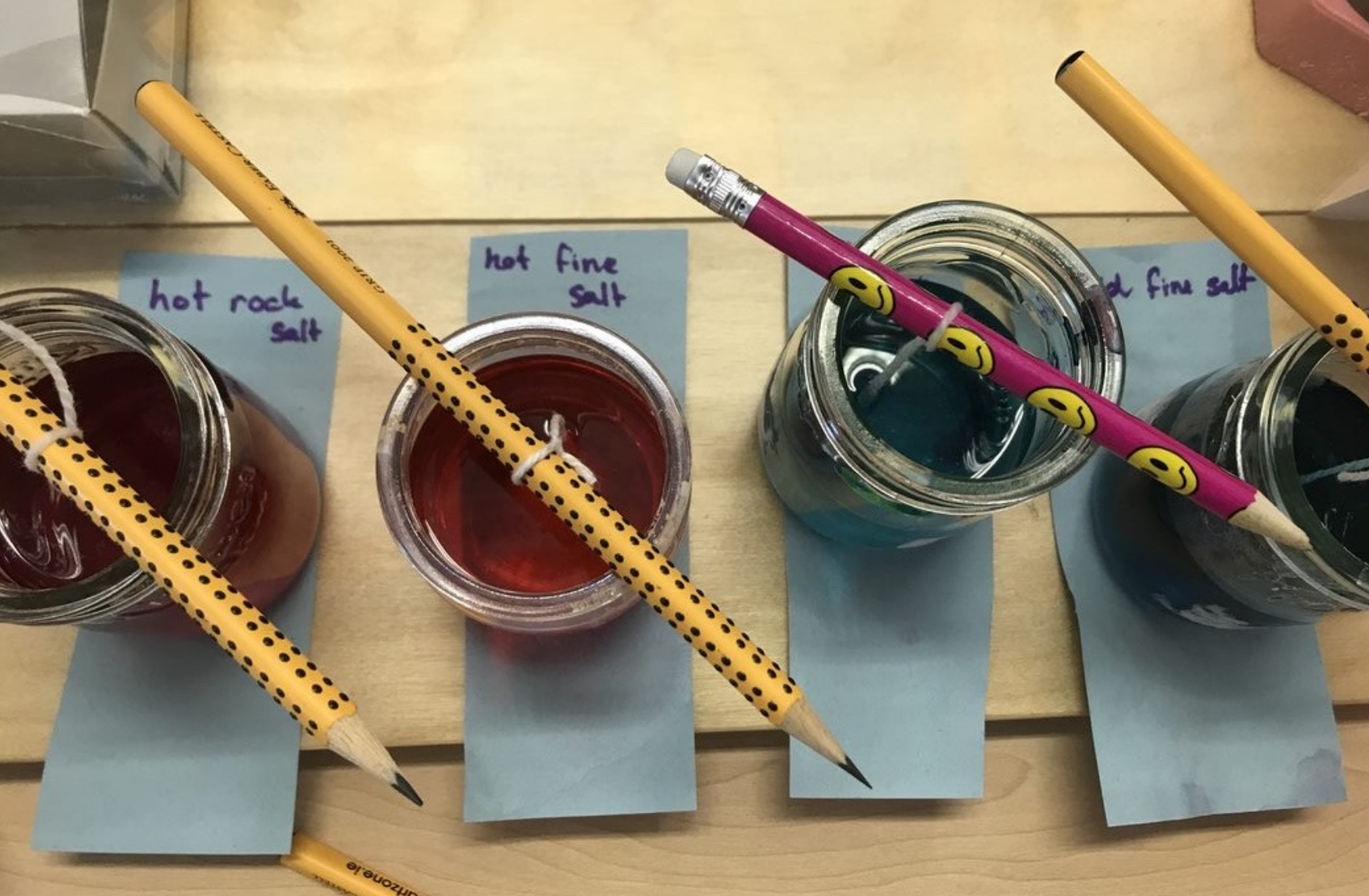
3. Materials

1st Class melting experiment



2nd Class Making Bubbles





2nd Class Crystals

for your teeth?

4 DAYS LATER.....



4th Class

Effect of different liquids on eggs

Coke

Coffee

Water

6th Class

Making butter




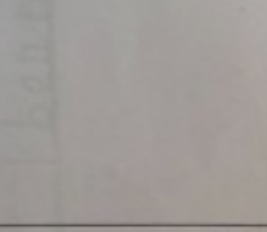




4. Environmental
Awareness and
Care

Bean Plant Observations

Date _____ Date 1/4/2020

<u>First</u> 	<u>Next</u> 
Date <u>2/1/2020</u>	Date _____
<u>Then</u> 	<u>Last</u> 

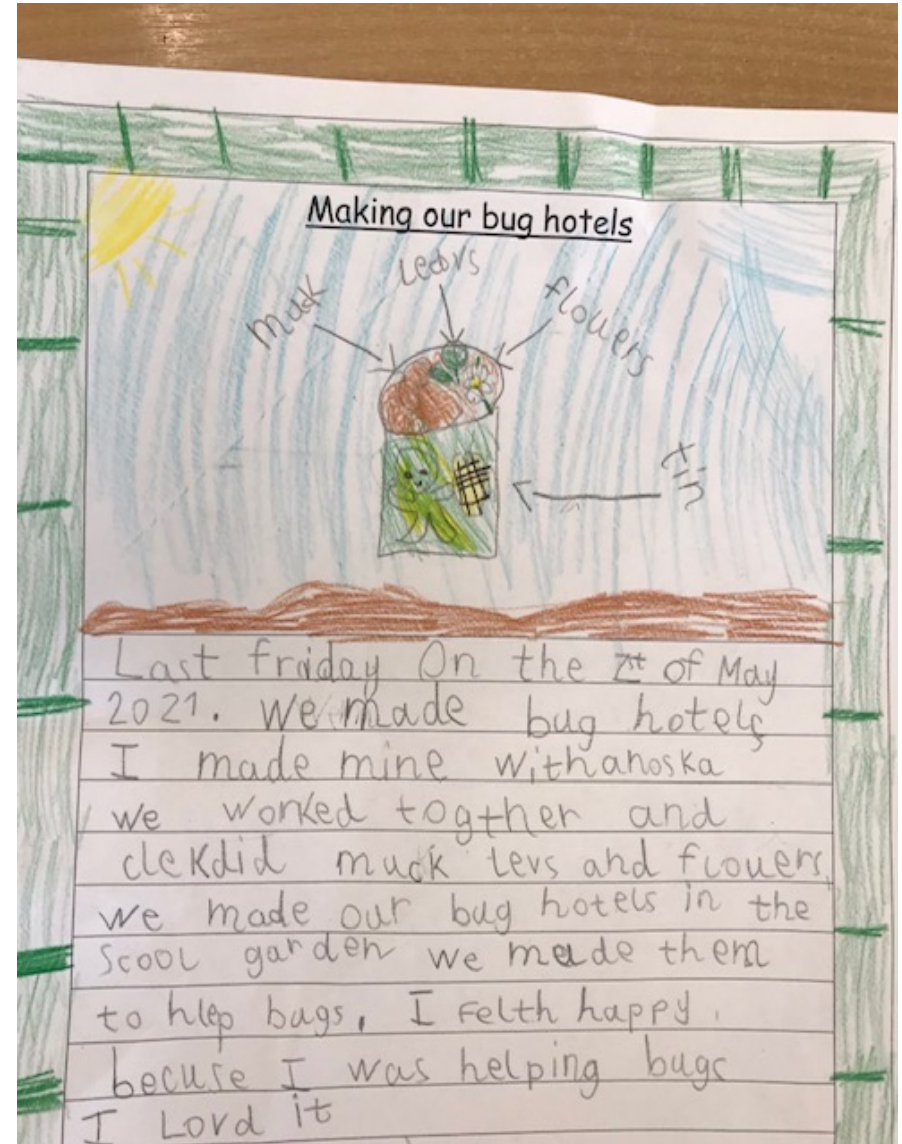
Write these words in the correct order in the boxes above.

Then	Last	First	Next
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1st Class Bean Planting

1st Class Bug Hotels





5th Class Water Cycle

Water cycle







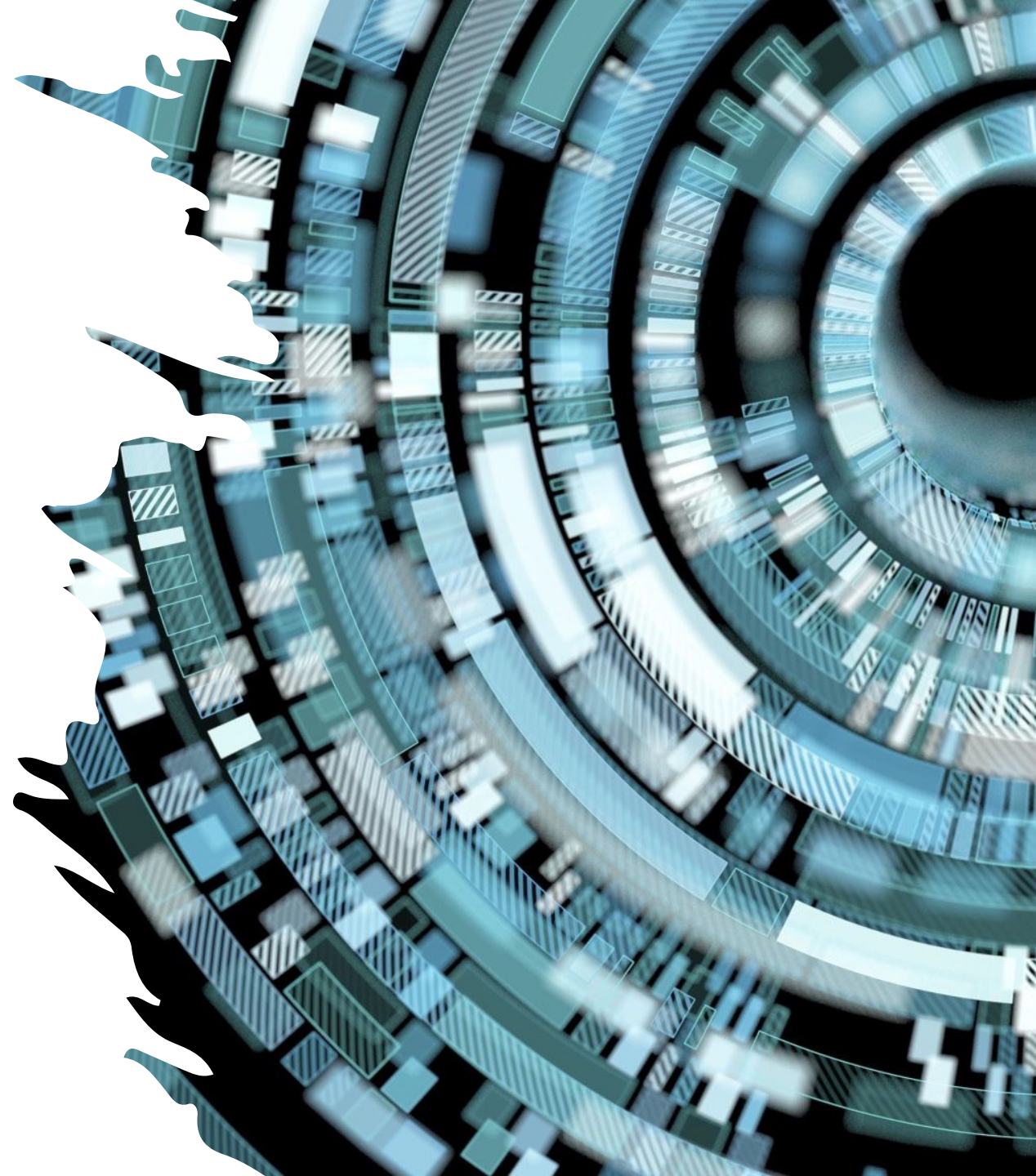
4th Class made mini
terrariums

Biodiversity Week Activity

4th to 6th Class spent a fun morning orienteering in the school grounds. At each check point they had to answer a question related to biodiversity.



Virtual Workshops and Science Week Activities



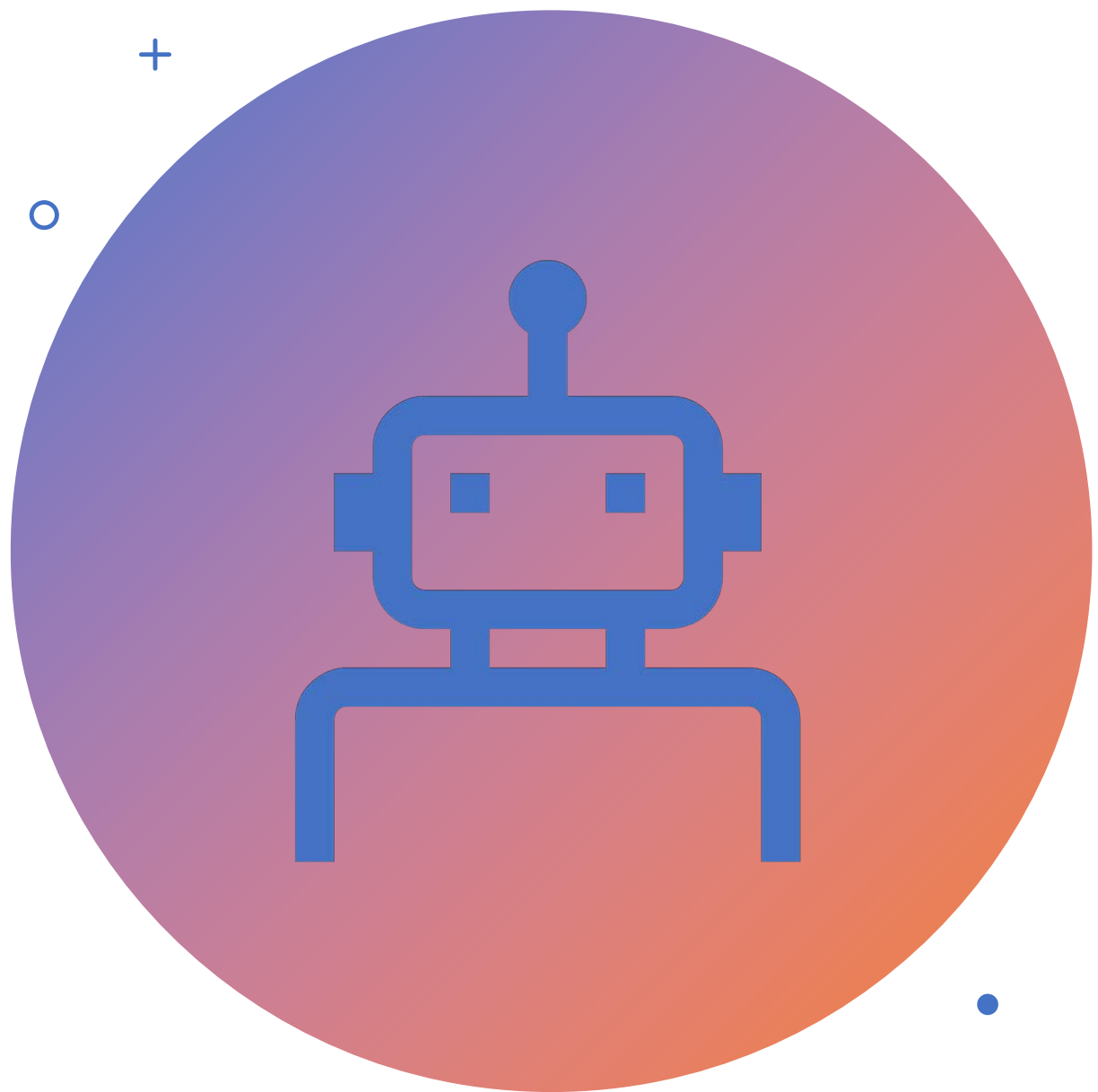


5th Class 'All About Water' Workshop Science Week

PIC•COLLAGE

5th Class Photonics Speaker and workshop





Step 2: Technology

2nd class using Bee Bots

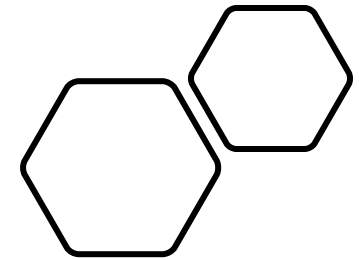


5th Class were learning about the Normans in Ireland.

Carlos decided to make a Minecraft Motte and Bailey Castle.

He has given us a tour.





Simple Windmills 4th Class

Step 3: Engineering



Engineer's Week

During Engineer's Week some of our teachers set engineering challenges and ask the students to try them at home. You can see the teachers' challenges on our website:

[website](#)

The results are in the 'Show and Tell' section.

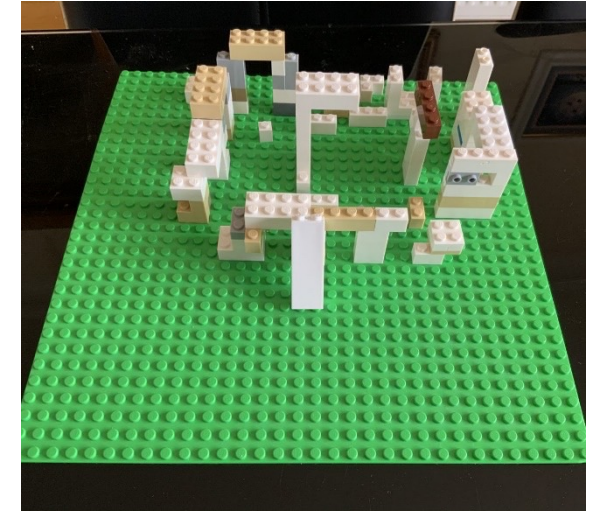
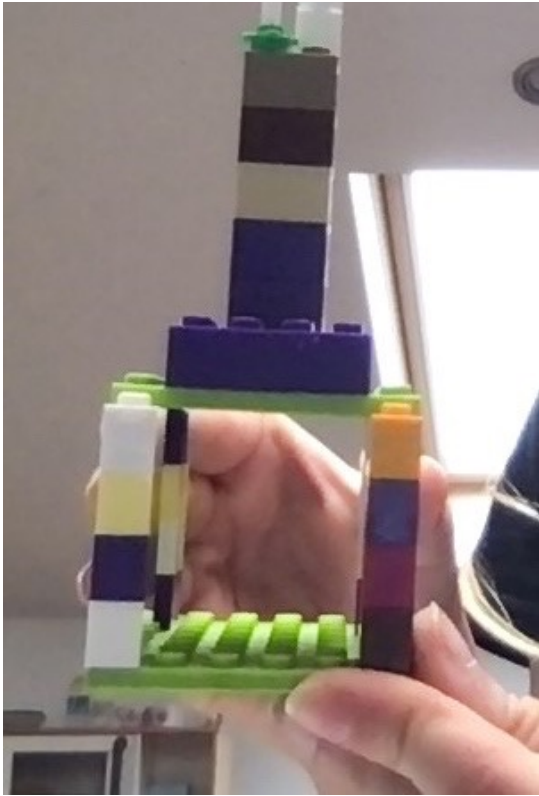
We also had fascinating online talks from some engineering parents.

2nd Class found out how to be engineers and made simple windmills.

3rd Class used corn starch to learn about non-Newtonian fluids.

5th Class learned about geo-engineering.

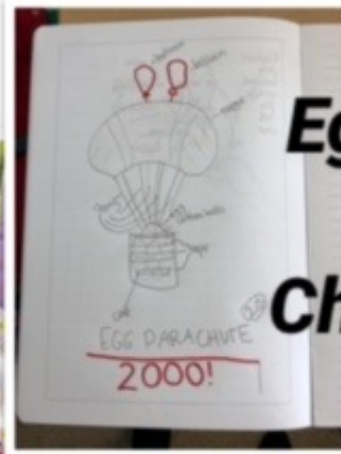
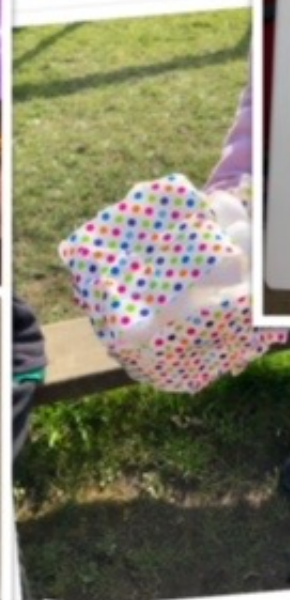
6th Class had an insight into computer engineering.



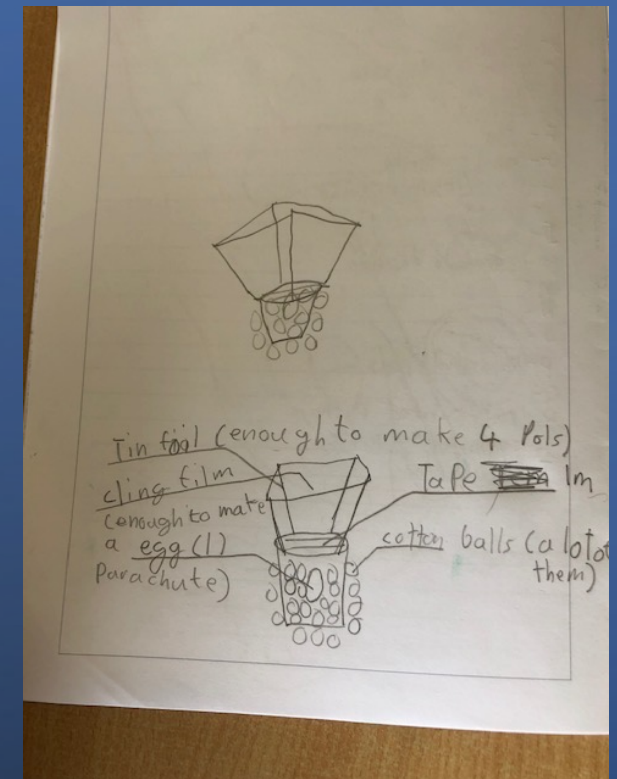
3rd Class Famous Landmarks

5th Class

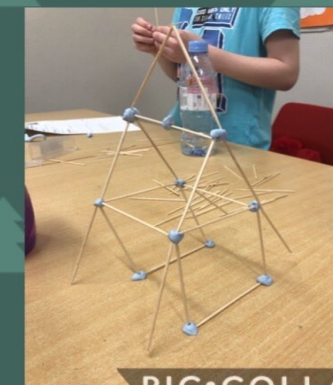
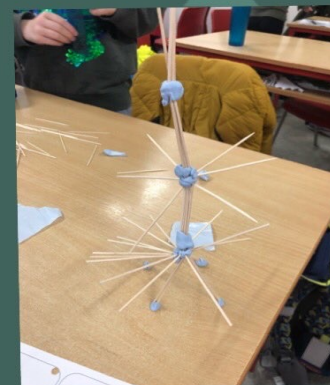
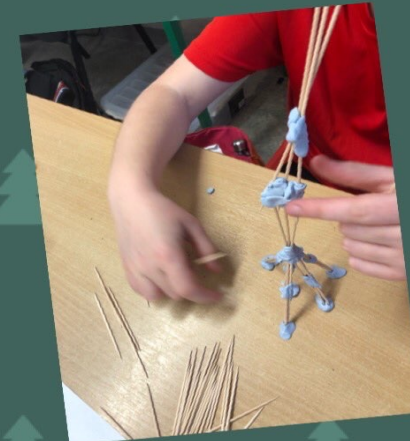
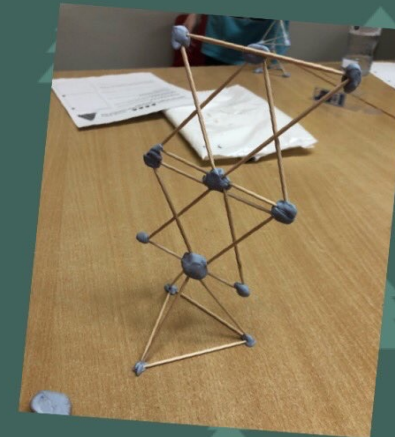
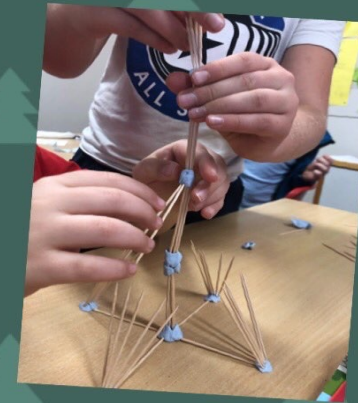
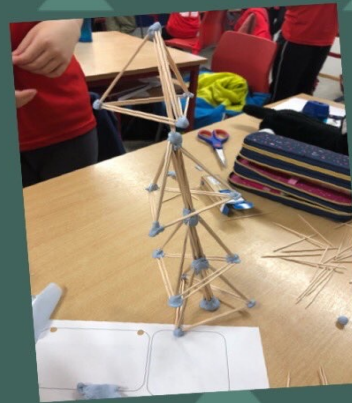
Egg Drop Stem Challenge



PIC•COLLAGE

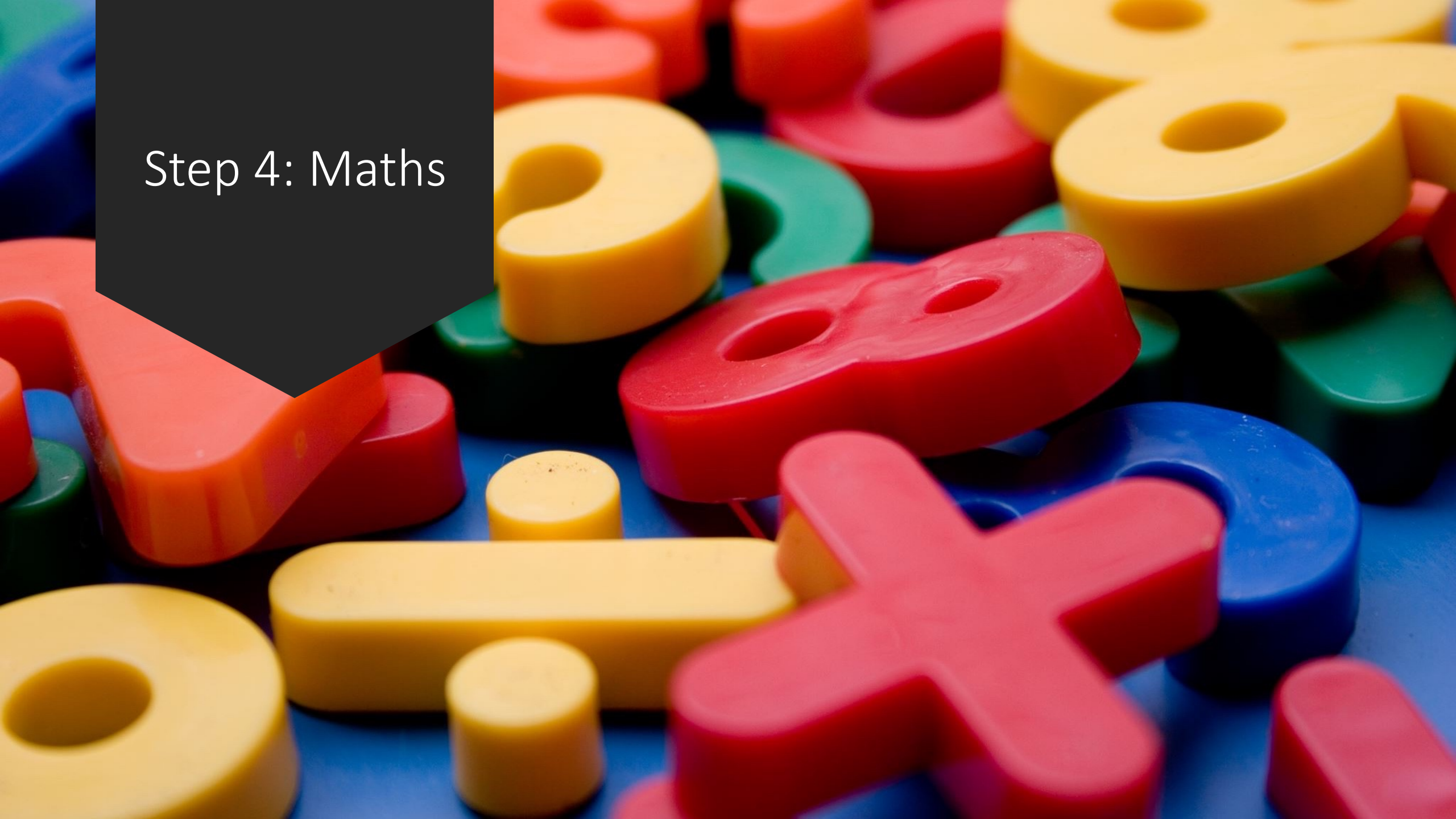


4th Class Christmas Tree Building



PIC•COLLAGE

Step 4: Maths

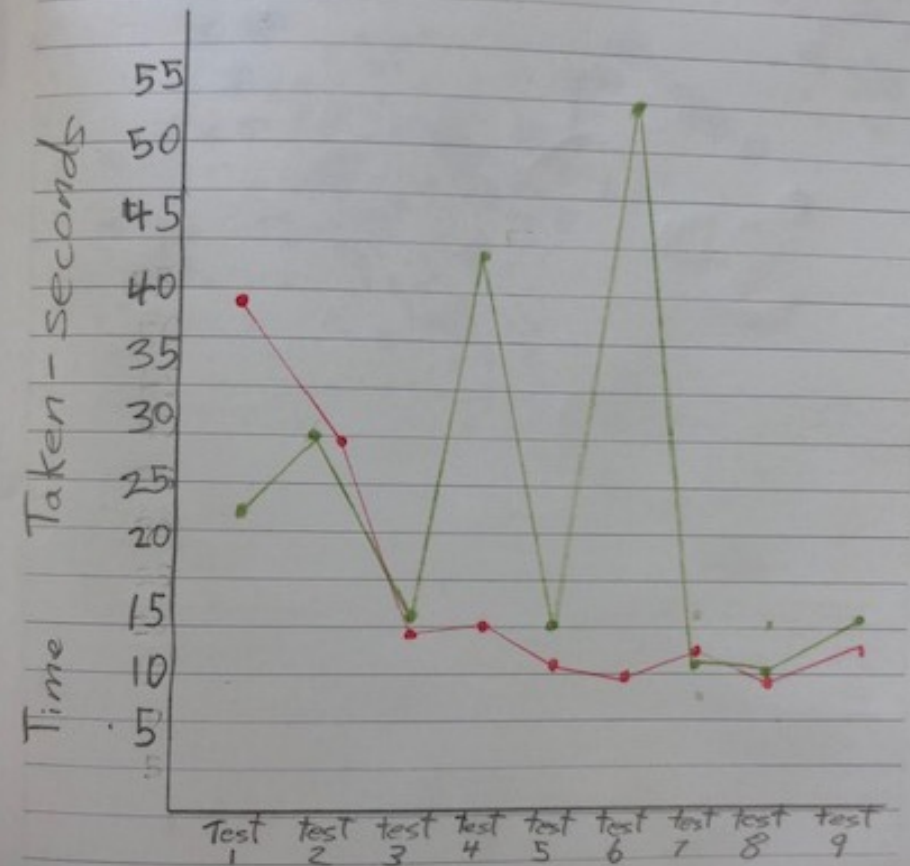


2nd Class graph work





Friction Experiment



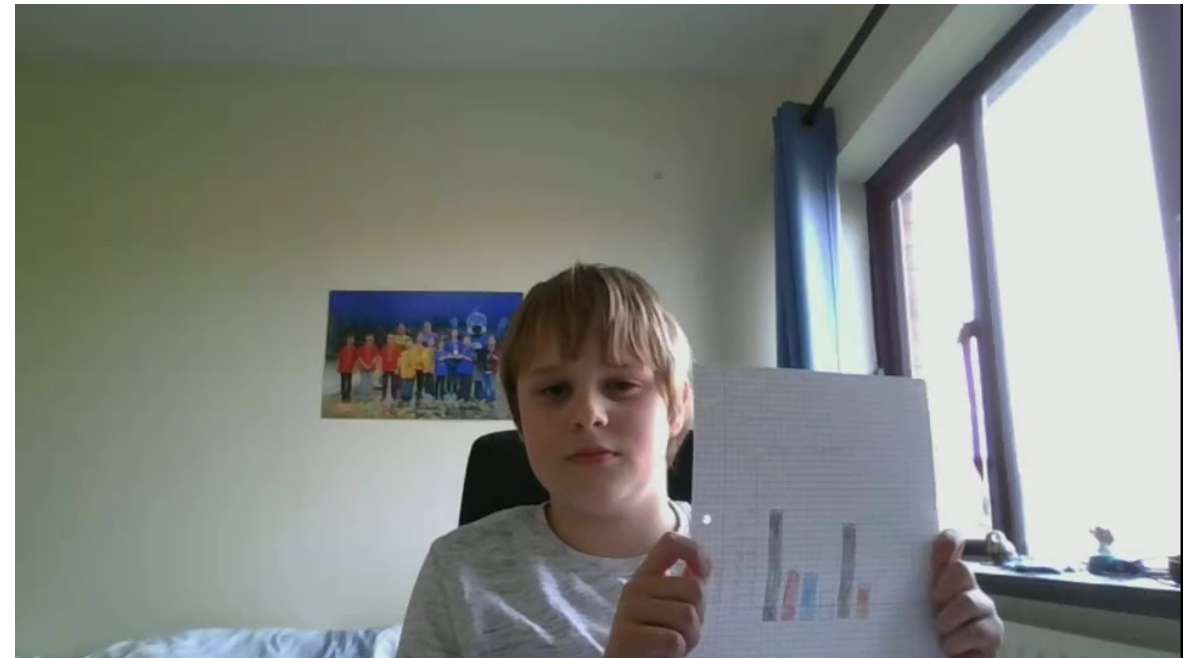
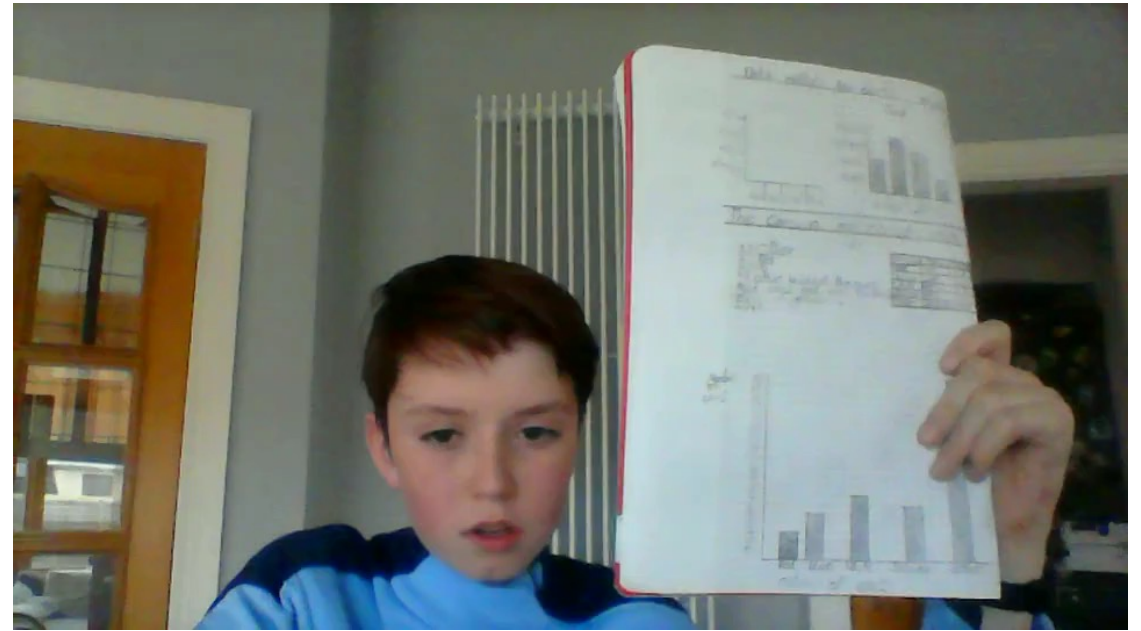
• without oil
• with oil

The background image shows a classroom activity. On the left, a child's hands are visible sorting through wooden blocks in a clear plastic tray. In the foreground, a large roll of blue material, possibly fabric or paper, sits in a green plastic bin. On the right, a white tray is filled with a large quantity of colorful plastic building blocks in various shapes and sizes. A purple water bottle and a metal clamp are also visible on the table. A large white diamond shape is superimposed over the center of the image, containing the text.

2nd class weighing
activity



Graph work 5th Class



Step 5:
Show
and Tell

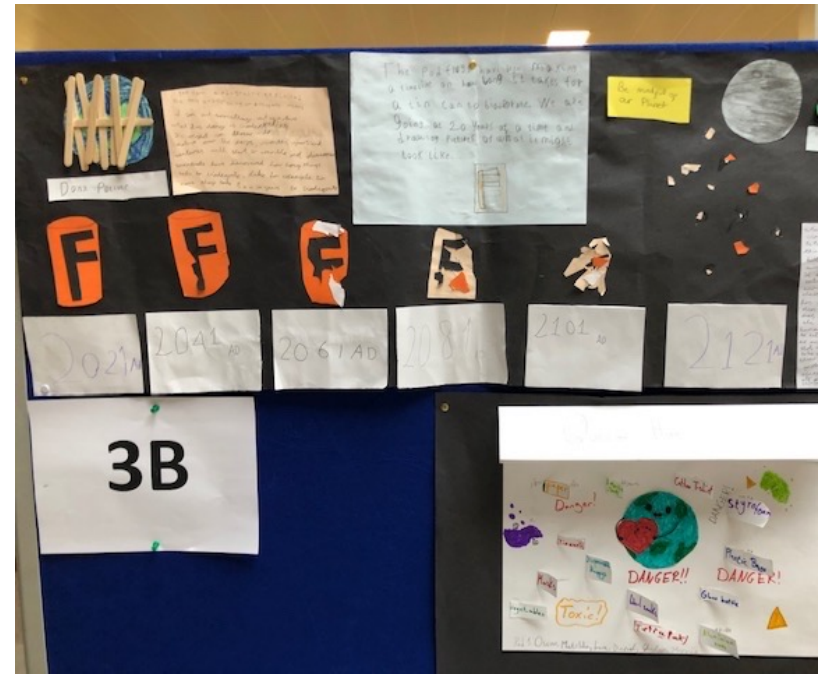
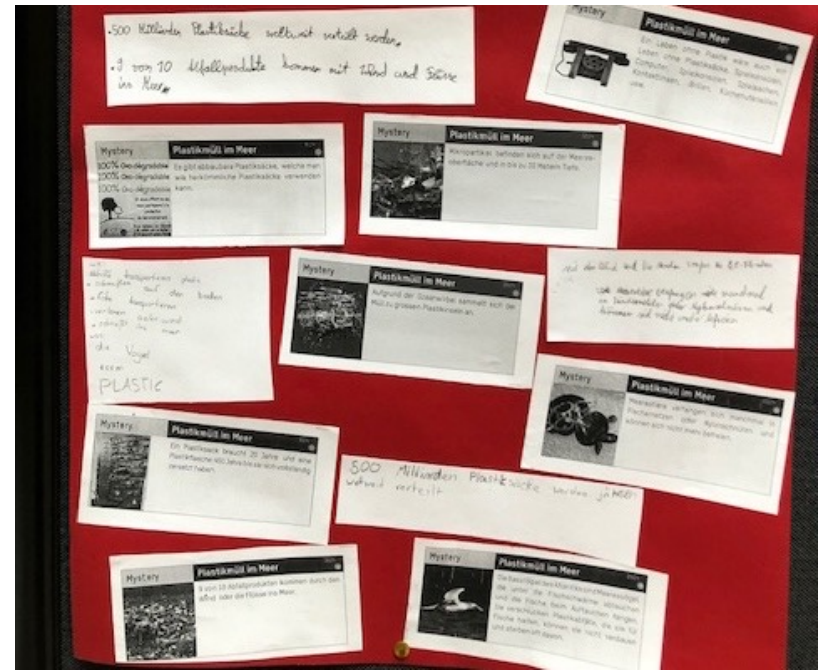


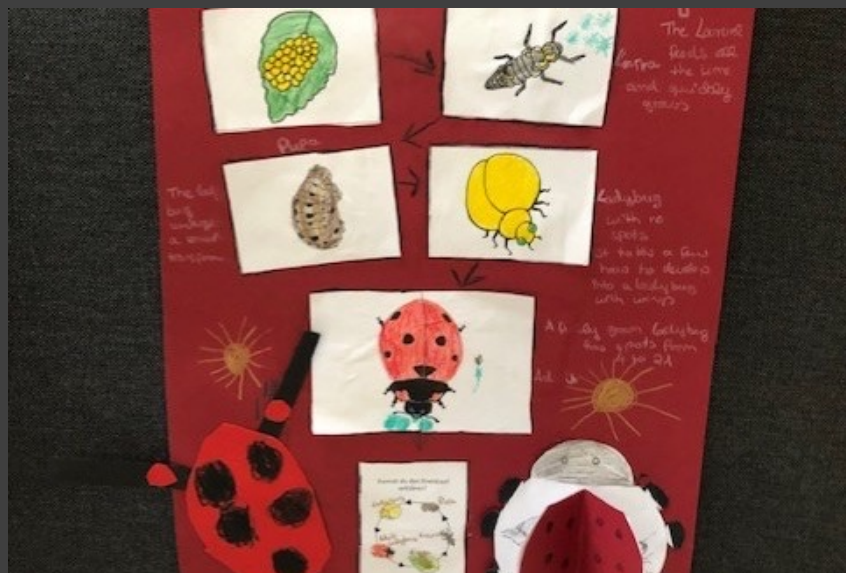


During the week of 17th May the whole school celebrated Biodiversity Week.

The week was full of exciting and interesting activities and ended with an exhibition of all our work and the grand garden re-opening.









Engineer's Week Challenges



St. Kilian's
Deutsche Schule Dublin

A wonderful year of
STEM