

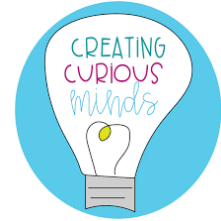
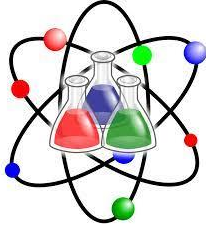


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STEM2023/DSM/1954



Living Things
 We allocated a few days during the year to planting in school. We planted carrots, radishes, spring onions and beetroot to observe growth. and change. We placed our seeds close to a window to grow. We watered all the seeds regularly except one tray to observe what happens. We discussed how plants need water for photosynthesis.



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Energy and Forces



Energy & Forces Static Electricity

We looked at static electricity in our classes. We discussed how static electricity occurs when an electric charge builds up on an object. We experimented by rubbing certain things together. We used balloons, pens and rulers to see could we build up an electric charge on these items. The children enjoyed the experience. We talked about everything being made up of tiny things called atoms.

The children watched "Exploring Transformers and Lightning" giving a deeper insight into static electricity.



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Materials



Materials

We explored the properties of tin foil as a buoyancy tool when we made our boats. Students designed their own boats so they would (a) float and (b) take coins on board. The best designed boats were able to take more coins on board before they sunk. Children designed their first boat and then redesigned another so it would take more coins. So we looked at design and functionality of the boats. Each student got only one sheet of foil, that was the remit for each child. The children were provided with objects themselves made from different materials and of different size & weight. The children predicted what objects they thought would float & sink. Following this the children recorded their predictions and tested them. The children discussed their findings. The children then applied their knowledge of the factors that determine whether



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Time Capsule Route



1. Colaiste Iosagain, Dublin
2. St. Joseph's N.S., Arklow
3. Scoil Chonglais, Baltinglass
4. S.N. Molaise, Old Leighlin
5. Fenor N.S., Tramore
6. **Knockmahon N.S, Bonmahon**
7. St. Joseph's Primary School, Tipperary
8. Bunscoil Rinn an Chabhlaigh, Cobh
9. St. Oliver's N.S, Killarney
10. Scoil Eoin Baiste, Tralee
11. Kilcormac National School, Kilcormac
12. Calasanz College, Ornamore
13. Scoil Rois, Galway
14. Clifden Community College, Ardara
15. Scoil Cholmcille, Letterkenny
16. Scoil Naomh Fionan, Quigley's Point
17. St. Aiden's N.S, Monasteraden
18. Roxboro N.S., Derrane
19. St. Comán's Wood Primary School, Roscommon
20. Cornafulla NS (Monsignor McCarthy N.S.), Athlone
21. Clonown N.S., Athlone
22. Scoil Mhuire na Trocaire, Ardee
23. St. Peter's N.S, Dundalk
24. Ashbourne Community School, Ashbourne
25. Scoil Aine, Dublin



30
 March 2023

Our Race Around Ireland

Green-Schools have begun our race around Ireland!

To celebrate our 25th Anniversary, we are putting together a time capsule of hopes and wishes for the next 25 years.

We have chosen 25 schools around the country for their dedication to the Green-Schools programme, as well as for time served, and have asked them, 'What are your hopes and wishes for the next 25 year?'

These schools have created a poster with their ideas and will place them in our #25for25 travelling time capsule when it reaches them, then passing it on to the next school on the list. This must be done via some form of sustainable travel.

The time capsule must arrive back in Dublin by the 24th of May – so it really is a race! We will then plant a tree for Biodiversity Week and bury the time capsule near it so we know where to find it!



Check out No. 6 - Knockmahon N.S.



Environmental Awareness & Care.

Conserve Energy

The children developed their awareness of the need to conserve resources. Children made posters to turn off lights/taps/close doors.

Bonmahon Tidy Towns Junior Committee

Students were involved in a Tree Planting ceremony that was organised with our Local Tidy Towns community. They planted trees around the community with our environment in mind and displayed their awareness and care through their actions. Our students will form the junior committee for the Tidy Towns and be involved in various environmental projects in the future.

Celebrating Green Schools 25 years

Our school is one of the 25 schools chosen to participate in Green Schools Time Capsule Journey around Ireland.





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SCIENCE WEEK



Living Things

Choice Chamber Test

The children used the Choice Chamber test to investigate woodlice behaviour. They predicted what condition the woodlice would favour e.g., wet/dry light/dark. The children placed the woodlice in the middle and the choices were recorded after one-minute intervals. The woodlice were observed and then returned to their natural habitat safely. We discussed the following questions to ensure the test was fair: "Are the damp & dry ends the same size?"



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SCIENCE SPEAKER



Green and growing

This past year the children of Knockmahon N.S. have been learning about growing plants. They have discovered what things plants need to grow and thrive. They have started a compost bin to recycle their green and brown waste. In their vegetable plot, they have planted and harvested a crop of fine radishes, and have started off their beans and peas for this year. Over the winter and early spring they have learned how to take a houseplant cutting, and how to plant a tree sapling. Both the children and their green spaces are growing and thriving together.



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Materials

Materials and change

The children observed that when the cabbage solution is mixed with another liquid, a colour change occurs and indicates if the solution is acidic or basic.



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Energy & Forces Light

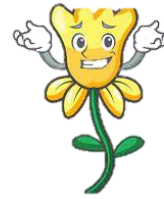
Children made their own spinning tops. The children predicted what would happen when we spun the top. The children observed and discussed that light is made up of many different colours.



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Living Things

Water movement in plant.

The children poured food colouring into water. The children predicted what would happen and why. After leaving a daffodil in the food colouring and water overnight, we discussed the results. The children observed the flowers and discussed how the water and food colouring moved through the flower.