St. Mary's Catholic Primary School

Science Newsletter

British Science Week 2021

March 2021







INNOVATION

This year's British Science Week, $5^{th}-14^{th}$ March, a ten-day celebration of science, technology, engineering and maths, had the theme of 'Innovating for the Future'. Topics being discussed in the classrooms were as diverse as the ground-breaking inventions, which have shaped modern day life and their inventors, solar powered aeroplanes, recycling plastics and insect inspired robots, as well as a host of other topics.



Shocking

The week was rounded off with visits from Atomic Tom who talked about, among other things, electricity and alternative energy sources. He brought with him his Van Der Graaf generator, to demonstrate how static electricity works, with some hilarious and 'shocking' results.



Mission Patch Design Competition

The High Frequency impulse for Microgravity investigation team at St. Mary's University, launched a national competition asking school children to design a Mission Patch for their newest venture, the Jump Slide, a machine which would allow astronauts to jump in zero gravity.

While all of the entries have been uploaded on to the competition website, our school winner had her design transferred on to a photo tile, which can be proudly displayed and all of the children who took part received a certificate and pencil for their efforts.







Van Der Graaf Generator



The children had great fun with Tom's amazing Van de Graaf Generator. An electrostatic generator, it uses a moving belt to accumulate electric charge on a hollow metal globe on the top of an insulated column, creating safe electric potentials, which can be used to demonstrate static electricity.

Activities included making a human circuit, sticking children's hair up in the air and even making indoor lightning.

The squeals of laughter could be heard at the other end of the school.



British Science week My Innovation for the Future If Smoote Stacking the file is seen one staket the file of the file is seen one staket the many the many the file is seen one staket the many the many the file is seen one staket the many the many



Coming Soon ...

Mission To Mars

Sponsored by the National Literacy Trust, this KS2 competition challenges children to design a habitat on Mars.

Information on how to enter will be available soon on the school website.

Entries close 30th March 2021

So Many Opportunities To Innovate

- make and fly a paper helicopter
- recycle milk cartons into 'planters'
- inspired by nature, some children planned and designed their 'Innovation for the Future'.
- design and make 3D 'RoboBugs'







