

Our school drivers are embedded and underpin the Science curriculum at St Thomas More



High Aspirations

Enable our children to have high aspirations and be aware of all future possibilities

Emotional & Mental Well-Being

Equip our children with the tools and ability to recognise, understand and manage their emotions to allow them to achieve and maintain good mental health

Sporting Opportunities & Physical Health

Engage our children with a wide variety of sporting opportunities for both enjoyment and physical health

Culture & Arts

Empower our children to be socially mobile with wider horizons by having a broad exposure to culture and the arts

Moral Values

Ensure our children develop strong moral values around the core of Catholic faith



Scientists past and present are displayed around the school. These create good discussion points for children, as they see scientists as 'real' people. Science Capital and aspirations are raised as they demonstrate the range of opportunities available to our children.



Maggie Aderin-Pocock

Born 1968

Maggie is a Mechanical Engineer and worked on a project to probe the centre of stars billions of miles away. She has presented various BBC science documentaries.



Holly Betts

Holly is a Palaeobiologist. She is researching whether fossils are best for establishing a timescale for recent and ancient episodes in our evolutionary history.



Nira Chamberlain

Born 1969

Nira is a mathematician. He finds mathematical solutions to industrial problems.



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Scientists and engineers visit to enthuse and inspire our children.



Family members explain their work as scientists.



What's Maths got to do with teatime?!

Children take part in virtual assemblies.



Dr Keeble explained how the International Space Station (ISS) stays in space and orbits the earth.



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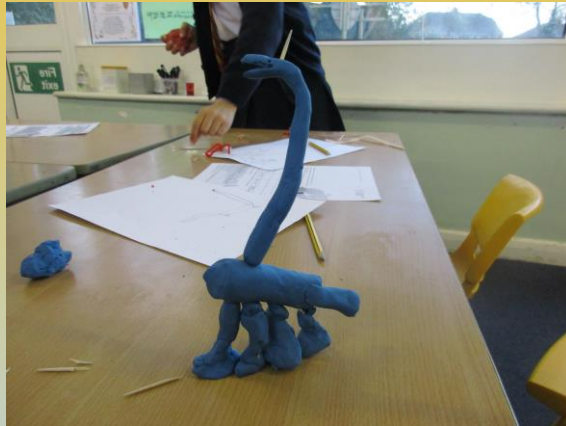
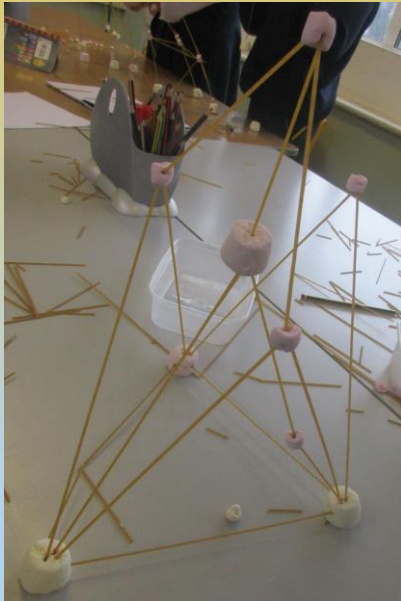


Paula McMahon talked about her job as a Civil Engineer and how we can help against climate change.



Children learnt about the role of satellites in clearing space debris.

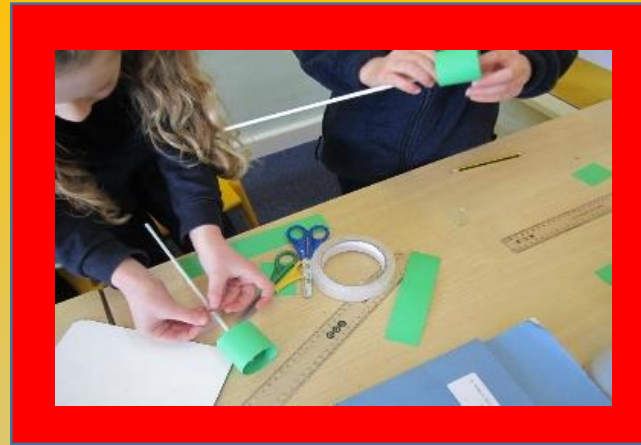
At STEM club, children think and behave like scientists and engineers. They learn valuable skills such as problem solving, creativity, team work and communication skills.



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Alongside Science, Technology, Engineering and Maths, children are encouraged to embrace their creativity in STEAM activities.



Children made models of aeroplanes to find out about aeronautics.



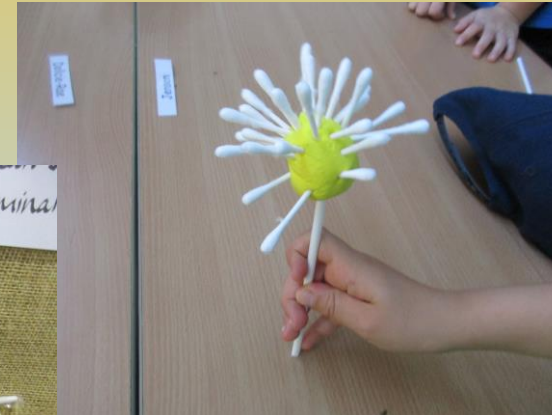
Children used art to explore magnetism.



Children learnt about the colours in their felt pens by investigating chromatography.



Making models of plants helped children to understand seed dispersal and parts of plants.



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Children learn their moral responsibility for climate change.

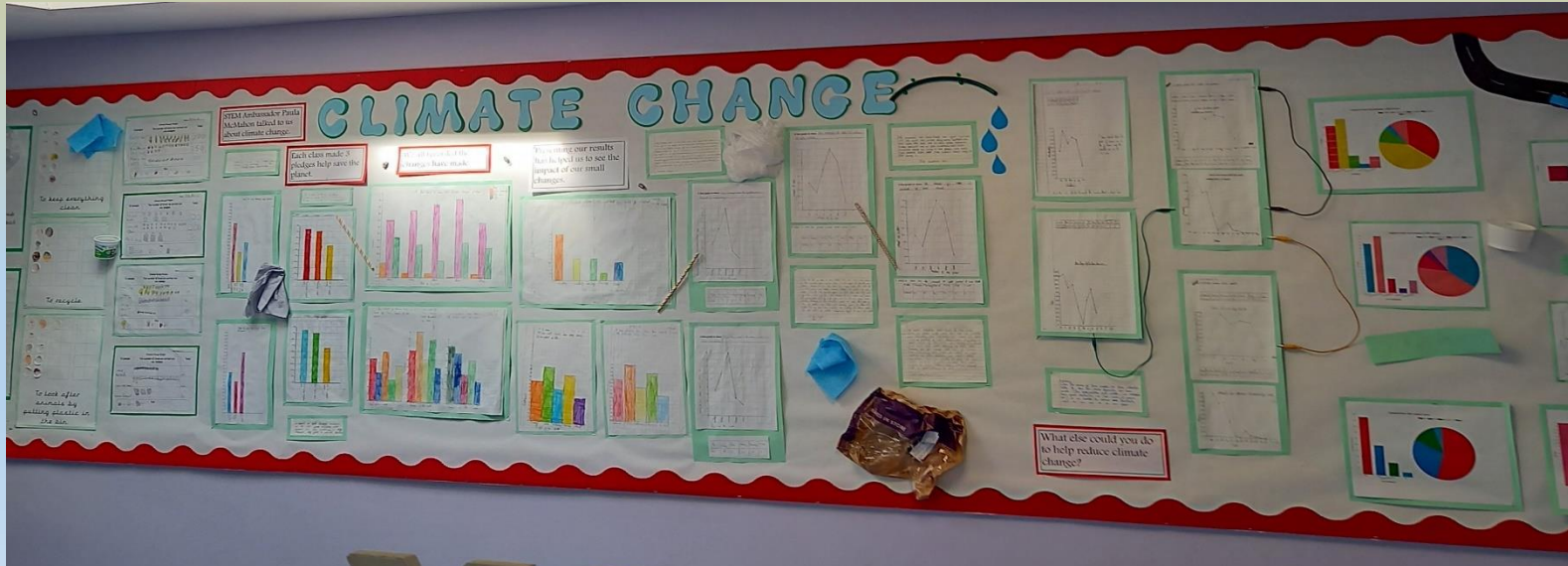
Turn the lights off when they aren't needed.
Pick up any litter they see when out and about
Use less paper.

Each class made 3 pledges to make small changes to their behaviour.

Use refillable water bottles, use scrap paper for drawing, recycle plastic/paper.

We will pick up litter.
We will recycle rubbish.
We will turn the lights off.

Displaying their findings in graphs made children realise the huge impact they can make by making small changes to their daily lives.



Moral Values

Ensure our children develop strong moral values around the core of Catholic faith

The views, wishes and experiences of our children are listened to. This shows them that what they tell us about their experiences is valued.

A scientist is someone who finds out about the world around us.

Science Week was great fun as we got to do lots of different things. We went to Forest School and learnt to paint plants using soil!



We could do more experiments, more outdoor activities, keep it the way it is, have more time to explore.

We like making things, finding things out, exploring, having fun

St Thomas More Pupil Voice
Science

Year Group 6

How often do you have a science lesson?	Every week
What is science/a scientist?	Science is a combination of maths and arts
What do you like about science?	Something we do really fun stuff I like creating in science
How could your teacher or school improve science?	I am not sure, I like if the way it is, a mixture but mainly independently
Do you work on your own or in groups in science?	I think we are going to do some more things to do better eyes or light, I am not sure
What do you think you will do next in science?	I like it the way it is
What do you find hardest in science lessons?	Creating as I like craft
Is there anything about science that you do not like?	
What would you like to do more of?	I am not sure
What would you like to do less of?	none
Addition comments	

St Thomas More Pupil Voice
Science

Year Group 6

How often do you have a science lesson?	Once a week on a Tuesday afternoon
What is science/a scientist?	In my opinion, science is finding real facts about all living things
What do you like about science?	I like to do experiments in groups during science
How could your teacher or school improve science?	to help us learn better they could use better equipment to give a better understanding to give independently but during experiments we work in groups
Do you work on your own or in groups in science?	Most of the time we work in groups I think we will start to learn more about our bodies
What do you think you will do next in science?	understanding how electricity works. Picking up work quickly
What do you find hardest in science lessons?	I really enjoy science
Is there anything about science that you do not like?	
What would you like to do more of?	more partner work
What would you like to do less of?	I enjoy these lessons
Addition comments	overall I very much enjoy science.

Emotional & Mental Well-Being

Equip our children with the tools and ability to recognise, understand and manage their emotions to allow them to achieve and maintain good mental health

Taking science outside provides first-hand experiences that allow children to observe science taking place in the real world. Being connected to nature in the outdoors improves their mental and physical health.



Investigating floating and sinking.



Children learn about lifecycles and where eggs come from by caring for school chickens.



Children learn to make careful observations.



Comparing different habitats in the school grounds.

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