

Calendar of events

Date	Activity	Who was involved	Impact on teaching and learning
12 th November 2019	Science outreach visit	Children	Children were able to broaden their understanding of the curriculum. Children became more excited about Science and it helped promote a love for Science. Pupils were able to apply what they have learned in lessons and apply this in a variety of scenarios gaining a deeper understanding.
4/2/2020	CREST AWARD	Pupils and staff	Pupils and staff took part in the CREST award. This has motivated pupils to take part in more investigation to win a science award. Teachers are more focused on practical investigation and teachers and learning practically has developed because of this.
10/2/2020	Science project assembly	Year 4 pupils	Year 4 took part in a home Science project. They were given a topic and they prepared a presentation to present in front of the year group. This encouraged pupils to work scientifically at home and they built on their scientific vocabulary at home. This allowed children's confidence to develop.
17/3/2020	Happy chick visit	All pupils	Seeing chicks hatch from eggs was a very exciting experience for the pupils. They were able to observe the lifecycle of a chick.
02/9/2020	Science boffins workshop	Whole school	The children were very excited about taking part in a Science workshop. The children all sat together to watch an interactive and exciting assembly and then each class had the chance to take part in an investigation. Children were working scientifically and using their previous knowledge and applying it to the new situations.

14/03/2020	British Science week	Whole school	We worked with a local secondary school to host a whole school Science fair. Each year group had the opportunity to go into the school hall and take part in a wide range of science activities linked to the national curriculum. The children were inspired and motivated by the secondary school pupils and a buzz of excitement for Science was created at the fair.
25/9/20	National Fitness day (Mile run)	EYFS-YEAR 4 and Teachers	This day focused on the importance of a healthy and active lifestyle. Pupils were able to monitor the difference in heart rate, body temperature and deepness of breath. Children were taught that keeping active could help reduce anxiety and stress and release happy hormones. The Healthy week challenge allowed pupils to focus on daily challenges and learn about the importance of varying their healthy meals.
28/9/20 - 4/10/20	Healthy Eating Week	EYFS-YEAR 4 and Teachers	Children were excited about the challenges and wanted to continue them so this helps teach the children how to live a healthier and more active lifestyle.
29/9/20	World Heart Day	EYFS-YEAR 4 and Teachers	Children were taught about the importance of their heart and why it is so important to look after it by eating well and exercising. They were able to see how their heart rate changes after 1 minute of high intensity activity. Children were then asked to think about how hard the heart is working to pump blood around the body. Children understand the importance of looking after their heart the health problems that could be caused if they don't.
10/11/20	World Science Day	EYFS-YEAR 4 and Teachers	Teachers were be able to raise awareness of how science can contribute to a more peaceful and sustainable global community. Pupils will have the opportunity to 'turn the old into something new'. Pupils were asked to bring recycled materials from home and plan how it can be used in the school – Pencil pot holders, bird feeders (card milk cartons), colour pencil organisers (milk cartons), Tree decorations (CD's). Pupils are

			given the opportunity to think of creative ways they could start to upcycle at school and home to help be more sustainable.
10/11/20	Science ambassador meetings	Pupils and SL	Pupils were given task and responsibilities. Pupils have felt motivated to take responsibility of supporting their teachers with science and supporting their pupils in the playground to think scientifically by playing science based games.
9/12/20	Eventbrite zoom story reading	All pupils	Pupils are able to engage in an exciting about a female rocket scientist eager to encourage children to get off their phones and look at the stars. This will provide inspirations and excitement for our pupils. It could also encourage more girls to gain an interest in astronomy.
15/12/2-	Eventbrite STEM experiments about water	All pupils	Pupils are able to take part in a virtual workshop based on water. This relates well to their everyday life and can be something they could explore at home. This could encourage Science investigations at home and ignite a greater interest and love for science.
9/2/21	Sports Day	EYFS-YEAR 4 and Teachers	Pupils are able to take part in a range of active activities to support their health and fitness. They can recap and think about the importance of keeping an active and healthy lifestyle. Children can think about the organs and body parts they are using during these activities. This is a fun and practical way to link 'The Human Body' to Sports day.
11/2/21	Thomas Edison Birthday	Whole School	Our school is named after Thomas Edison, so this day will be a day to celebrate the success of TE and think about how he has contributed to Science. Pupils will have a party themed lunch to celebrate his birthday and they will write birthday cards thanking TE for his impact. This will give pupils the opportunity to get excited about Science again and think about the success of TE. This should reignite the inspiration and motivation to become a scientist as it a fun and exciting way to remind children about TE and the importance of contributing to Science. Pupils would arrive to

			school with no lights on to show what life would be like without the lightbulb. This would be a hand on experience to support childrens understanding.
25/2/20	Pancake day	EYFS-YEAR 4 and Teachers	Pancake day is a fun way to think about how each ingredients works to create a pancake. This task can focus on the Science behind making pancakes. The children will be able to see how materials change, think about the food category of each ingredient and how it can contribute to a healthy lifestyle. Children will think about a healthier and more balanced way of eating a pancakc (adding fruit no having too much syrup) and think about the effects of unhealthy ingredients.
8/3/21	International women's day (Research female scientists)	EYFS-YEAR 4 and Teachers	This is an opportunity for the girls and boys to be more aware of influential female scientists in history and in the present day and how they help contribute to Science. This can help inspire more girls to think about careers in Science.
6/3/21-15/3/21	Science week	EYFS-YEAR 4 and Teachers	Science week will give pupils the opportunity for pupils to take part in more lessons based on Science. All subjects will be linked to Science based on a focus for the year. This year the focus will be 'Our Diverse Planet' https://www.britishtscienceweek.org/app/uploads/2020/02/BSA_BSW_Primary_1019v20-2-1.pdf
22/4/21	Earth Day	EYFS-YEAR 4 and Teachers	Pupils will focus on the different ways we can look after our planet. Pupils will have the opportunity to plan different ways we can be a more eco-friendly school and share ideas with Science Ambassadors. How could they be more eco-friendly at home? Children will then create nature print art to with key words to display around the school to remind us all to be more eco-friendly.
8/6/21	World oceans day	EYFS-YEAR 4 and	Children will learn about the importance of recycling and learn more about the affects using too much plastic has on sea life. KS2 will write creative stories about the effects of using too much plastic, KS1 and EYFS will create 3D art work using

		Teachers	recycled plastic of sea creatures being caught in plastic. This will teach the children the importance of recycling and the impact of using too much plastic has on sea life.
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