

Newsletter – Women in Science Day 2023

Women and Girls in Science Day 2023

On Friday 10th February, the school celebrated Women and Girls in Science Day. Every year group embraced the day to its full potential!

EYFS designed and created rockets using junk modelling and explored launching rockets outside. Mae Jemison inspired their learning.

Year 1 learnt about Sylvia Earle who is a famous Marine Biologist and learnt about waterproof materials for science linked to literacy. They made posters to show all the information they had learnt and then did a fun experiment where they made an egg float!

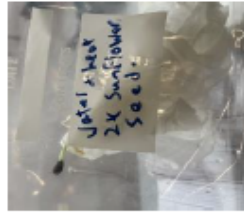
Year 2 made a space launcher, to test the shock absorbercy to land astronauts safely on another planet. They linked their learning to many famous women scientists, including Katherine Johnson, Dorothy Vaughan, Mary Jackson, Christine Barden and Margaret Hamilton.

Year 3 focused on Mary Anning and fossils. They did an edible fossils experiment to see how the different shapes created imprints in the layers of bread.

Year 4 were experimenting with chemical reactions. They compared mentoes and coke with vinegar and bicarbonate of soda and wanted to find out which created the tallest geyser. This was inspired by their learning on Katia Krafft a well know scientist and volcanologist.

Year 5 explored the work of Katherine Esau; a botanist who looked at the anatomy of plants and how this information could be used to understand plant development. They looked at the ley conditions needed for a plant to germinate, creating window greenhouses with sunflower seeds and beans in various conditions. They were excited to find a few of their seeds had germinated over the half term holiday

Female scientists from St. Helena visited Year 6 to celebrate Women in Science Day. They explained that there is a still a small percentage of females joining STEM professions (Science, Technology, Engineering and Mathematics) when they are older. The scientists then taught them about chemical reactions that they may learn about in secondary school. They made rainbows with chemicals, made a mini explosion and even created 'Elephant's toothpaste'!



**DOORS OPEN AT 3PM
AT ESSEX SPORT ARENA**

Dear Parents

On behalf of the Essex Rebels we would love to invite you to join us for this very special basketball game day and help the Essex Rebels beat their home attendance record at the incredible Essex Sport Arena. On the 11th March the Essex Rebels women's senior team will be taking on the WBBL Trophy finalists, Leicester Riders and hope to pack out the Essex Sport Arena for an afternoon filled with fun activities, crowd engagement, special guest performance and of course, elite level Women's Basketball. **PLUS:**

- ✓ Award winning game day experience with lights, dance cams, kiss cams and more
- ✓ Halftime performance from singing artist Aya Bleu
- ✓ Live DJ and in-game commentary from Big Dog Ballin'
- ✓ Pre-game outdoor fan zone with live DJ, games and activities for all ages
- ✓ Special guest appearances to be announced
- ✓ Performance from our Essex Flames cheerleaders and our one and only Masoot, Queen B!
- ✓ Giveaways and prizes to be won throughout the game

All school children go FREE!

To grab your free child tickets and purchase adult tickets, simply head to the Essex Rebels Eventbrite page by scanning this QR code.



Or follow this link: <https://www.eventbrite.co.uk/e/international-womens-day-special-women-y-leicester-riders-tickets-405108192437?aff=ebdssponsorprofile>

We look forward to seeing you all there!