



## Danson Science Week 2025

Dear Parents and Carers,

During the last week of the spring term, the children and staff here at Danson took part in Science Week. Everyone immersed themselves into the subject and linked their scientific knowledge to this year's theme, 'Change and Adapt'. It was wonderful to see how actively engaged the children were when taking part in all the different activities that took place. Here are a few highlights from the week.

### Stem Ambassador/Parent Visits



To kick off the week, we had two parents who visited the school to share lots of information about their careers and how they have changed and adapted over time. Alyson Downham, a dedicated STEM ambassador, visited our school to share her insights as an engineer who worked on the signalling system for the London Underground. She discussed how the London Underground system has changed and adapted over the years to meet the demands of a growing city. Alyson's commitment to STEM education extends beyond her engineering work; she volunteered her time to inspire young learners, illuminating the vast array of opportunities that STEM subjects offer. Through an engaging presentation, she encouraged students at Danson to explore the real-world applications of science, technology, engineering, and mathematics. Her presence at our school ignited curiosity and motivated future engineers, just like herself. Additionally, we were delighted to welcome Mr Pisipati, a parent

at our school, who spoke to the children about the fascinating world of Artificial Intelligence (AI). He explained how AI plays a crucial role in his job and is transforming many aspects of our daily lives – from healthcare and transportation to education and entertainment. The children were captivated as he shared real-life examples of how AI is making life easier, safer, and more efficient, inspiring them to think about the exciting possibilities of technology in the future.

## Changing and Adapting Investigations

Throughout Science Week, each year group embarked on an exciting investigation exploring the theme of changing and adapting. From observing how materials respond to different conditions to investigating how plants and animals adapt to their environments, the children engaged in hands-on experiments and recorded their findings in detailed write-ups. It was a fantastic opportunity for them to apply their scientific skills, think critically, and share their discoveries with their peers.

## Science Ambassador Lessons

As part of Science Week, our Year 4, 5, and 6 Science Ambassadors took on the exciting role of delivering lessons about changing and adapting to children in EYFS and Years 1, 2, and 3. After receiving training from staff, the ambassadors confidently led engaging activities and experiments, sharing their knowledge with enthusiasm and skill. The younger pupils were captivated by the sessions, and the ambassadors shone as inspiring young leaders in science.



*Year 4 delivering a lesson to Reception about how caterpillars have adapted to camouflage in order to avoid prey.*

## Danson Science Week Dress Up Day

On Thursday, during Danson Science Week, the school buzzed with excitement as the children arrived dressed in imaginative costumes. They were dressed in costumes linked to science and the theme of changing and adapting and their creativity knew no bounds. The children were inspired to wear a wide range of costumes related to the theme. Some arrived in school as the life cycle of butterflies, plants, flowers and one even arrived as a chameleon. As always, their costumes were incredible to see and the buzz around the school was fantastic!

**Science Week Costume Winners**

	Class Winner Full Name	Year Group Winner Full Name
Reception		
Ash	Stanley	Seb
Elm	Kieron	
Oak	Olivia	
Year 1		
Owl	Ayla	Jonathan
Robin	Lola	
Sparrow	Amelia	
Year 2		
Nightingale	Maryam	Noah
Pepys	Eva	
Shackleton	Riley	
Year 3		
Barfield	Anthony	Phoebe
Brunel	Jasmine	
Kapoor	Summer May	
Year 4		
Blackman	Daniel	Sophia
Dahl	Laura	
Rowling	Rae	
Year 5		
Elizabeth	Elizabeth	Zina
Henry	Luke	
Victoria	Isobel	
Year 6		
Darwin	Logan	Talya + Evelyn
Franklin	Imaani	
Hawking	Alex	

## Danson Science Week Poster Competition



As part of Science Week, we held a poster competition themed around changing and adapting, and the entries were both creative and thought-provoking. Pupils explored a wide range of topics, from the life cycle of a frog and its incredible transformations to the evolution of computer games over the decades. Some even made connections to climate change,

illustrating how animals and humans are adapting to shifting environments. The posters were a fantastic display of scientific curiosity and artistic talent, showcasing how much our pupils have learned about the importance of change and adaptation.



Well done to all our fantastic children who participated in Danson Science Week! Your enthusiasm, creativity, and curiosity have truly made this week a memorable and inspiring experience.

We would also like to extend a huge thank you to the parents and carers who supported our young scientists throughout the week. Your encouragement, involvement, and dedication played an essential role in making Science Week a resounding success. Together, we've ignited a passion for discovery and learning that will continue to flourish beyond these exciting days.

Mr Welsh

Science Lead