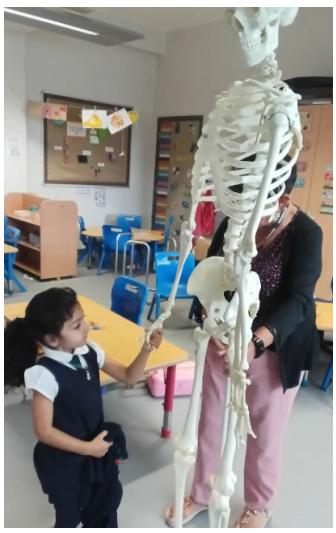
Edison primary Newsletter

Igniting Young Minds for a brighter tomorrow

It's been an exciting half term in science, with children across the school enjoying hands-on learning in the science room with Mrs Juneja. Pupils have explored the world around them through practical investigations, using equipment and resources to spark curiosity and deepen understanding. From experimenting with forces to exploring living things, they've taken time to ask questions, test ideas and think like scientists. The children have shown fantastic enthusiasm, applying their scientific skills to both practical tasks and written work. Keep up the great work Edison!



Reception have been learning all about Me in My World, focusing on their senses and body parts. They explored how their senses help them in everyday life, from tasting and smelling to seeing and hearing. The children also looked closely at a life size skeleton model to learn what bones look like and how they protect important organs like the heart, brain and lungs. To put their senses to the test, they helped bake cakes for the dinosaur's birthday, a character from the story they have been enjoying in literacy. It was a fantastic way to link science, storytelling and hands-on learning.

Year 1 have been busy investigating their five senses as part of our Science learning this half term. In a fun and engaging tasting activity, the children explored their sense of taste by trying a variety of foods including lemons, dark chocolate, crisps, cookies and vegan cheese. It was wonderful to see their reactions, some surprised, some delighted, and some unsure! They used scientific vocabulary to describe the flavours they experienced, identifying tastes such as sweet, sour, salty, bitter, and savoury. This helped them understand how our tongue detects different flavours and how we use our sense of taste to learn about the world around us. Everyone worked brilliantly and showed great curiosity and enthusiasm. Well done, Year 1!

Year 2 have done a fantastic job learning all about the five animal groups: mammals, birds, reptiles, amphibians and fish. They explored the features of each group and what animals need to survive, such as food, water, air and shelter. The children also learned about vertebrates and invertebrates, identifying which animals have backbones and which do not. As part of their learning about keeping healthy, they discovered the importance of hygiene, including washing hands to stop the spread of germs and brushing teeth to protect against decay. They also found out how exercise helps our bodies and minds by releasing hormones that support our mental health, and how a balanced diet can affect how we feel. Well done Year 2, it was wonderful to see you apply your science learning to real life.

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Where Young Scientists Discover Tomorrow

Year 3 have been learning all about the human skeleton as part of their Science unit, *Animals Including Humans*. They discovered that our bodies rely on bones, muscles, and joints working together to help us move. Through practical activities, they built a model of the arm's hinge joint and learned that muscles work in pairs—when one muscle contracts and gets shorter, the other relaxes and gets longer. They also found out that bones are connected by joints, which allow movement, and that without this system of muscles, joints, and bones, we wouldn't be able to move at all. Super impressive, Year 3!

Year 4 have been busy exploring how to group and classify animals based on their characteristics. They learned how scientists sort living things into categories like mammals, reptiles, birds, amphibians, and fish, and used key features such as body covering, movement, and diet to help them decide.

Pupils worked collaboratively to sort animal cards, ask questions, and explain their reasoning. They also discovered how classification helps us understand the natural world and even created their own branching keys to show how animals can be grouped.It's been a brilliant mix of curiosity, teamwork, and scientific thinking!

Year 5 explored the effects of water resistance and worked hard to carry out fair experiments. They began by recapping what makes a fair test, identifying the independent, dependent, and controlled variables in their investigations. Using a range of equipment, pupils tested their predictions and used key vocabulary such as streamlined to help them understand how to reduce water resistance—and when it can be useful! Their practical work showed great teamwork, curiosity, and scientific thinking.

Year 6 have been learning all about microorganisms and their unique characteristics. They discovered that bacteria often have a tail-like structure to help them move, viruses need a host to survive and have spherical or complex shapes, and fungi are made up of long thin tubes called hyphae. To explore these ideas further, pupils carried out a practical investigation using yeast, a type of fungus. They mixed yeast, warm water and different amounts of sugar into test tubes, then placed balloons over the tops. As the yeast fed on the sugar, it produced carbon dioxide which inflated the balloons. Pupils identified the amount of sugar as their independent variable, discussed which factors needed to be controlled to ensure a fair test, and measured balloon inflation as their dependent variable. It was a brilliant hands-on experiment that combined scientific thinking, key vocabulary and real-world application.

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Curriculum update

Year 1 enjoyed an exciting and engaging science workshop led by Sublime Science. The children explored sound waves using drums, straws, and tubes and discovered how sound travels. They investigated how bubbles are formed, had the chance to blow bubbles themselves, and watched the scientist create smoke-filled bubbles. The children also learned about gravity and observed how balls of different sizes and weights fall at different speeds. The workshop finished with a hands-on slime-making activity that the children were able to take home and enjoy. It was a fun, interactive, and memorable learning experience for all, sparking curiosity and excitement about science.

The Year 3 children took great pride in taking part in the Diwali assembly, celebrating one of the most vibrant and joyous festivals of the year. The event began with an exciting art and craft session where the children, along with their parents, showcased their creativity by designing magnificent rangoli patterns filled with bright colours and intricate designs. Their teamwork and enthusiasm truly reflected the spirit of Diwali. Following this, the children presented a wonderful assembly that beautifully narrated the story of Rama and Sita, explaining the significance of Diwali and why it is celebrated as the festival of light, symbolising the victory of good over evil. It was a truly heartwarming celebration that highlighted both learning and creativity in a joyful way.

Reminder:
No Clubs next week beginning Monday 20th October.

No Clubs in week beginning Tuesday 4th November

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Parent Consultations: Week beginning Monday 20th October

Last day for pupils: Thursday 23rd October at 3:45pm

INSET Day for staff: Friday 24th October (no school for pupils)

Half term: Monday 27th Oct- Monday 3rd Nov

Pupils return to school on Tuesday 4th November

Event	Date	Time	Parents Invited
Year 1 Watson & Year 2 Fleming Christmas Performances	Thursday 4th December	2:30- 3:30pm	Yes
Reception Nativity	Wednesday 10th December	9:00- 10:00am	Yes
Year 1 Franklin & Year 2 Pasteur Christmas Performances	Thursday 11th December	2:30- 3:30pm	Yes

Attendance Winners for week beginning Monday 6th October

Registration Form	Attendance
Y4 Carson	99.2%
Y1 Franklin	98.9%
Y3 Faraday	98.2%
Y3 Curie	97.4%
Y6 Einstein	97.2%
Y1 Watson	97.1%
Y4 Goodall	97.1%
Y5 Armstrong	96.9%
Y6 Hawking	95.9%
YR Bell	95.5%
Y5 Jemison	94.3%
Y2 Fleming	94.1%
Y2 Pasteur	94.1%
YR Newton	88.3%

Attendance Winners for week beginning Monday 13th October

Registration Form	Attendance
Y2 Pasteur	99.0%
Y1 Franklin	98.9%
Y4 Carson	98.8%
Y3 Curie	97.8%
Y4 Goodall	97.6%
YR Bell	97.6%
Y2 Fleming	97.2%
Y5 Armstrong	96.5%
Y1 Watson	96.2%
Y3 Faraday	93.9%
Y6 Einstein	92.0%
Y6 Hawking	91.9%
Y5 Jemison	89.3%
YR Newton	87.0%

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Going Over and Above

We continue to have high expectations for our pupils, playing close attention to **Showing Kindness** and **for Being a Good Listener**

Our pupils were celebrated in our weekly Celebration HT assembly for their ongoing commitment and efforts to adhering to four school principles: Ready, Respectful, Safe and Kind.

Class	Name of the pupil
Bell	Haresha Chohan
Newton	Suhanika Matta
Watson	Hania Khan
Franklin	Henza Vora
Pasteur	Aarya Varma
Fleming	Dylan Chavda
Curie	Shifaa Vohra
Faraday	Malaika Shah-Bains
Carson	Baani Flora
Goodall	Ishaan Balaji
Armstrong	Zain Ali
Jemison	Ephraim Isaac Benaiko
Hawking	Ryker Gardiner
Einstein	Maysa Siddiqui

Class	Name of the pupil
Bell	Minahil Rafique
Newton	Ruhaan Hussain
Watson	Akanya Sivaganthan
Franklin	Bella Bhatarah
Pasteur	Ranveer Soor
Fleming	Andre Mudhar
Curie	Inaya Aden
Faraday	Shourya Jadhav
Carson	Riya Shaik
Goodall	Ayla Kazi
Armstrong	Aayush Chadda
Jemison	Khrystyna Havryliuk
Hawking	Taranpreet Kaur
Einstein	Elenika Singh