



PHEASEY PARK FARM
Primary School &
Early Years Centre

Science News

Welcome Back!

We will be sharing science news and events from in school, the local community and around the world in our half-termly newsletters. We will also include science experiments and competitions you can complete at home. If you do any exciting science activities at home, please email your pictures to postbox@pheasey.org.uk or bring printed photos into Mrs Stephenson in 6AS class. I look forward to seeing all your amazing science!

Mrs Stephenson ☺ Science Lead

Science at Pheasey Park Farm!



At the start of term, the animal lady paid us a visit! We learned about their diet, different habitats and were able to touch them – if we were brave enough!



Year 1 have been watching the seasons change!



Year 2 have been exploring the importance of handwashing and germs.



Year 3 have been exploring different types of rocks!



Year 4 have been exploring state change by melting chocolate!



Year 5 have been testing which surfaces create the most friction!



Year 6 have been proving that light travels in straight lines by aligning holes in paper. Their mission was to get the right ray to reach the other side!

Science Near You!

Lunar Lego Lab: Alien Edition

Join a space-themed family LEGO coding workshop to create your own LEGO alien adventure! Booking required

WHERE: The ThinkTank in Birmingham.

WHEN: Daily during October half term (Sat 25th Oct – Sun 2nd Nov).

Galactic Mission: Life Beyond Earth

An interactive space mission for all ages to uncover alien life through real science and bizarre Earth creatures.

Where: The ThinkTank in Birmingham.

WHEN: Weekdays during October half term (Monday 27th – Friday 31st October).

Tricks and Treats at SEA LIFE

Birmingham

Get ready to dive into some spooky fun as SEA LIFE centres across the UK go from aquarium to Ascarium this Halloween! Guests are invited to explore all the chills and thrills of the ocean as they follow an immersive trail to help SEA LIFE's Witches and Warlocks track down their missing potion ingredients, along the way discovering some of the very spookiest sea creatures.

Where: Sea Life Birmingham

WHEN: 11th October – 2nd November

Science career spotlight: Electrical Engineer

An electrical engineer creates and fixes electrical systems in things like phones, buildings and robots.

Fun fact: They help make rollercoasters work safely!



Science at Home

Leaf Chromatography: discover hidden colours in Autumn leaves!



Make sure an adult helps you with experiments!

What You Need:

- A few colourful autumn leaves (green, yellow, red, etc.)
- Rubbing alcohol
- A small jar or glass
- Kitchen paper
- A spoon
- A small bowl
- Scissors

What to Do:

1. Tear the leaves into small pieces and place them in the bowl.
2. Add a small amount of rubbing alcohol to the bowl (just enough to cover the leaves).
3. Mash the leaves with the spoon to help release the pigments.
4. Cut a strip of kitchen paper and place one end into the bowl, letting the other end hang over the edge.
5. Leave it for 30–60 minutes and watch as the colours travel up the paper.

What's Happening?

This is called chromatography. It separates the different pigments in the leaves. Even green leaves contain yellow and orange pigments—you just don't normally see them until the green fades in Autumn!