

SCIENCE NEWSLETTER

ST BEDE'S PRIMARY
SCHOOL

AUTUMN TERM 2026

OUR AIMS

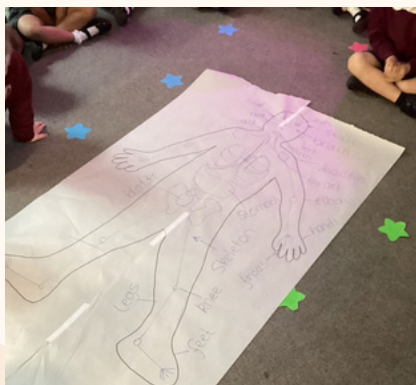
At St. Bede's, our science curriculum helps pupils explore and understand God's wonderful world around us. Through hands-on learning, we aim to spark curiosity and creativity, encouraging children to ask questions and think critically. Science is part of everyday life, and by engaging with it, pupils develop a deeper understanding of the world around them, while building essential problem-solving and analytical skills.

OUR CURRICULUM THIS TERM

KS1	ANIMALS INCLUDING HUMANS
LKS2	LIVING THINGS AND THEIR HABITATS
UKS2	LIGHT

WHAT HAS BEEN GOING ON IN EYFS?

In EYFS, the children have been exploring our bodies and skeletons. The children shared what they knew about their bodies and then they explored X-Rays on the light box. The children have also been exploring staying healthy and washing hands. They explored the Pepper and Soap experiment that mimicks soap repelling germs.



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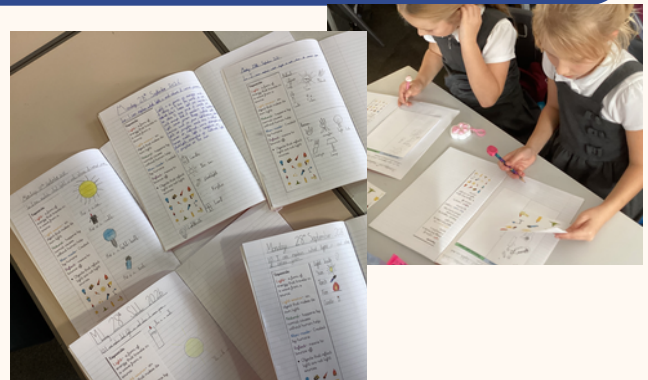
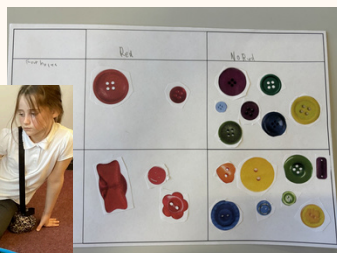
WHAT HAS BEEN GOING ON IN KS1?

This half term, Year 1 and 2 have been learning about Animals, Including Humans. They have explored animal offspring and life cycles, and learned about the basic needs of animals, including food, water, shelter and exercise. Through practical activities and discussions, the children have also begun to understand how healthy eating and exercise help us grow strong and stay healthy. 🐾🥕💪



WHAT HAS BEEN GOING ON IN KS2?

This half term, Lower Key Stage 2 have been learning about Living Things and Their Habitats, exploring how scientists classify living and non-living things. The children have sorted and grouped items using their characteristics, using tools such as Venn diagrams, Carroll diagrams and classification keys. They have also enjoyed investigating local habitats and developing their observation, reasoning and scientific enquiry skills. 🌱🐞🔍



Upper Key Stage 2 have enjoyed beginning their new Science topic, Light. In our first lesson, pupils explored what light is and where it comes from, identifying and categorising different light sources as natural or man-made. They also investigated objects that reflect light and explained why they are not light sources. In the coming weeks, we will be exploring how light travels and how reflection helps us to see.

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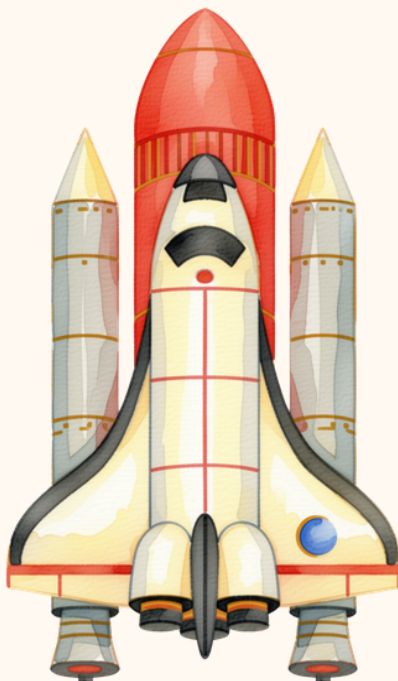
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SCIENCE AT HOME!

WORLD SPACE WEEK –

The theme for this years
Space Week is Rocket
Revolution. Here is an
experiment you could do
at home.




VINEGAR & BAKING SODA BOTTLE ROCKET

SCIENCE. PRESSURE. LIFTOFF!

ACID + BASE = CO₂ POWER!

A larger version of the canister rocket, this uses acid-base reactions to generate **serious carbon dioxide pressure**.

WHAT YOU NEED

- A small plastic water or juice bottle (500ml works best)
- 3 pencils and duct tape (to create a stand/fins)
- A cork that fits tightly into the bottle opening
- White vinegar
- Baking soda
- Paper towel

HOW TO DO IT

- Tape three pencils vertically around the sides of the bottle so it can stand upside down like a rocket.
- Pour a small amount of vinegar (about an inch or two) into the bottle.
- Put a spoonful of baking soda onto a small square of paper towel, wrap it up like a small pouch (this buys you time before the reaction peaks).
- Drop the pouch into the bottle, push the cork in firmly, flip it upside down onto its pencil legs outdoors...
- ...and step back at least 2 meters.

SAFETY FIRST!

- Wear safety goggles.
- Do this outdoors.
- Keep your face and body away from the rocket.
- Clean up and dispose of materials responsibly.

EXPLORE. EXPERIMENT. HAVE FUN! ★

As always, we love to see what you are getting up to at home! Please don't hesitate to bring any work into school or send us some pictures via our office email.

We thank you for your ongoing support. Have fun!

Mrs McAllister