

# SCIENCE NEWSLETTER

ST BEDE'S PRIMARY  
SCHOOL

AUTUMN TERM

## 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  | SEASONAL CHANGE &<br>ANIMALS INCLUDING HUMANS    |
| LKS2 | ANIMALS INCLUDING HUMANS<br>& MAGNETS AND FORCES |
| UKS2 | MATERIALS &<br>EARTH AND SPACE                   |

## WHAT HAS BEEN GOING ON IN EYFS?

In EYFS, the children have been exploring colours and how they change our vision. The children have been using colour overlays/glasses to see the world around them differently.

They have loved putting different colours on top of each other to see if a new color was made!

We definitely have some budding scientists in EYFS.



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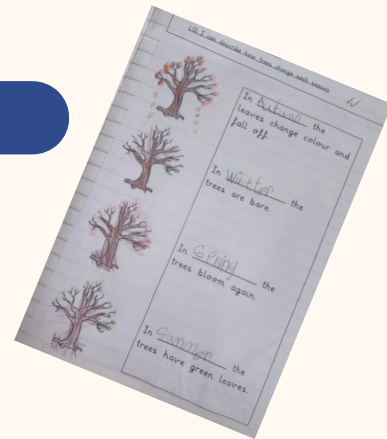
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## WHAT HAS BEEN GOING ON IN KS1?

In Year 1 and 2, the children have been learning about the seasons in the United Kingdom. They have explored how the trees change each season and what the weather is like in Spring, Summer, Autumn and Winter.



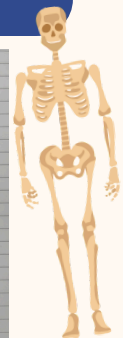
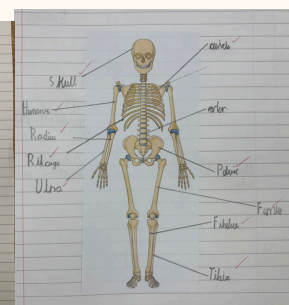
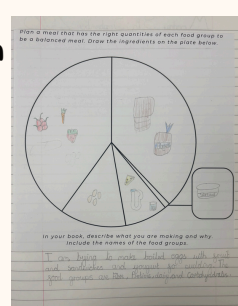
### WOW WORK!



## WHAT HAS BEEN GOING ON IN KS2?

### WOW WORK!

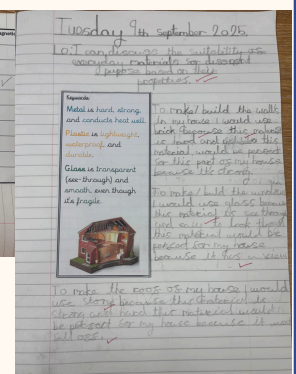
In Year 3 and 4, the children have been exploring the human body. They have discovered the 7 major nutrient forms and how they help the body as well as the function of the human skeleton.



In Year 5 and 6, the children have been exploring materials that would be most suitable to build a house. They have explored the properties of each material and why they would be chosen.



| Material   | Wood | Steel | Plastic | Bricks | Concrete | Insulation | Roofing | Windows | Doors | Paint | Other |
|------------|------|-------|---------|--------|----------|------------|---------|---------|-------|-------|-------|
| Wood       | ✓    |       |         |        |          |            |         |         |       |       |       |
| Steel      |      | ✓     |         |        |          |            |         |         |       |       |       |
| Plastic    |      |       | ✓       |        |          |            |         |         |       |       |       |
| Bricks     |      |       |         | ✓      |          |            |         |         |       |       |       |
| Concrete   |      |       |         |        | ✓        |            |         |         |       |       |       |
| Insulation |      |       |         |        |          | ✓          |         |         |       |       |       |
| Roofing    |      |       |         |        |          |            | ✓       |         |       |       |       |
| Windows    |      |       |         |        |          |            |         | ✓       |       |       |       |
| Doors      |      |       |         |        |          |            |         |         | ✓     |       |       |
| Paint      |      |       |         |        |          |            |         |         |       | ✓     |       |
| Other      |      |       |         |        |          |            |         |         |       |       | ✓     |



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## SCEINCE AT HOME!

WORLD SPACE WEEK – SAT, 4 OCT 2025 – FRI, 10 OCT 2025

We will be doing some fun activities in school but here are some suggestions of things you could do at home.

### EYFS “NIGHT SKY SPOTTING”

1. Go outside on a clear night.
2. Ask the child to spot the moon and any stars.
3. Talk about how the sky looks different in the day and at night.
4. Can they draw what they saw?



### KS1

#### “MAKE A PAPER ROCKET AND TEST IT”

1. Roll a piece of paper into a tube and tape it.
2. Add a cone-shaped top and decorate.
3. Blow through a straw or launch by throwing gently.
4. Measure how far it goes and try again with different designs.



### KS2

#### “MAKE A CRATER!”

1. Fill a tray with a layer of flour.
2. Sprinkle a thin layer of cocoa powder on top (optional – shows crater shape better).
3. Drop or gently throw small balls/stones from different heights.
4. Observe the craters formed – how deep are they? How wide? What shape are they?
5. Try dropping from different heights or using different sizes of balls.



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!

Miss McAllister