



Friday 28th March  
2025

# The **CRANLEIGH CHRONICLE**

## **CURRICULUM EDITION**

### **MESSAGES**

A very warm welcome to our latest curriculum newsletter. This edition celebrates Science at Cranleigh.

In this edition, we'll be sharing some of the key topics your child has been learning in class, as well as important aspects of our science curriculum. We believe that science should inspire curiosity, so we've been focusing on developing both practical skills and critical thinking.

We've also celebrated Britishonas to how you can get involved at home.

A reminder that our community Police session for parents is next **Wednesday 2nd April at 2:30pm** - please don't miss it!

Wishing you all a very happy Mother's Day on Sunday and a wonderful weekend.

**Mrs J Domican**  
**Science Lead**

# Dates for your diary

2pm: Music Works Concert for Parents

Tuesday 1st April

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2:30pm: Cranleigh Police Parent  
Session

Wednesday 2nd April

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Year 5 to the Baptist Church

Wednesday 2nd April

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Little Lifesavers CPR training for Years  
5 and 6

Thursday 3rd April

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Non School Uniform Day

Friday 4th April

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Last Day of Term: *1:15pm Finish*

Friday 4th April

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Children's First Day Back

Wednesday 23rd April

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School Photos: All children to Wear  
School Uniform, NOT P.E. Kit

Friday 25th April

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All calendar dates can be found on  
our website!

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Cranleigh C of E  
Primary

# OUR SCIENCE CURRICULUM

At Cranleigh Primary School, the science curriculum is designed to spark curiosity and develop a deep understanding of the natural world. It follows the National Curriculum and builds children's knowledge and skills through hands-on investigations, observations, and scientific enquiry.

## What Your Child Will Learn in Science

### 1. Scientific Skills Development

From an early age, children are encouraged to think like scientists by:

- Asking questions and making predictions
- Conducting experiments and fair tests
- Recording and interpreting results using charts, diagrams, and reports
- Using scientific evidence to support ideas and conclusions

### 2. Key Areas of Science Across Year Groups

#### Early Years & Key Stage 1

- Identifying and describing plants and animals
- Understanding seasonal changes and weather patterns
- Exploring materials and their properties
- Learning about basic forces like pushes and pulls

#### Lower Key Stage 2

- Studying rocks, fossils, and soils
- Investigating light, shadows, and reflection
- Exploring forces such as magnetism and friction
- Understanding plant growth and water transport in plants

#### Upper Key Stage 2

- Learning about the circulatory system and human health
- Investigating electricity and circuits
- Studying evolution and inheritance
- Understanding states of matter, including evaporation and condensation in the water cycle
- Exploring Earth's rotation, the solar system, and the impact of gravity

## How Science is Taught

Lessons are hands-on and interactive, encouraging pupils to work scientifically. Children take part in experiments, group discussions, and problem-solving activities to develop their critical thinking skills.

By the time our pupils leave Cranleigh Primary, they will have a solid foundation in scientific knowledge and skills, preparing them for further education and helping them make sense of the world around them.

**For more details on specific topics covered, please visit your child's [class page](#) and our [Science page](#).**

# What We're Learning in Science!



## RECEPTION

Reception have been busy since Wildlife Week decorating a birdbox using natural resources including sticks and leaves from the outdoor environment.

## YEAR 1

Year 1 have been learning about the seasons, trees, and weather this term. Recently, they have taken on the role of meteorologists, observing how the weather changes throughout the day and using thermometers to measure the temperature.



## YEAR 2

Year 2 has been learning about how plants grow from seeds and bulbs. They have observed daffodils and grown cress in petri dishes, exploring what plants need to survive.

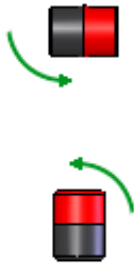
## Green Arrows Indicate Magnetic Forces



Attraction



Repulsion



Rotation

## YEAR 3

Year 3 have been investigating **magnetic forces** this week, identifying the different parts of a magnet and conducting their own investigations to find magnetic materials around the school.

## YEAR 4

Year 4 have been learning about grouping animals and plants. They have been creating classification charts and using keys to identify different living things.



Invertebrates



Fish



Amphibians



Reptiles



Birds



Mammals

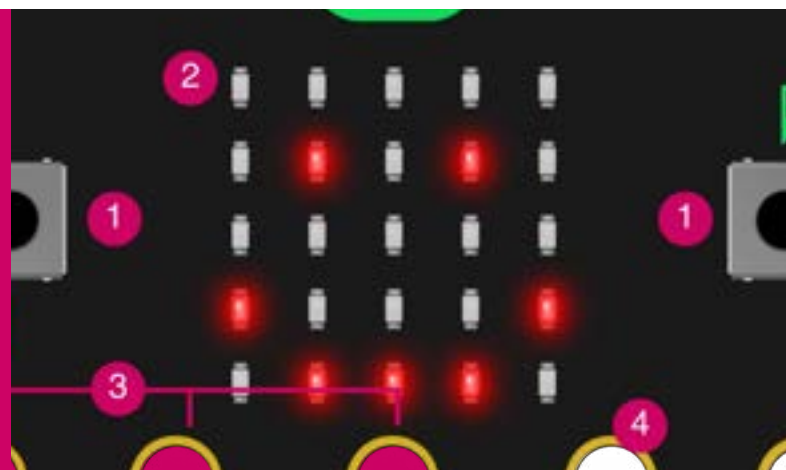
## YEAR 5

Year 5 have been studying reversible and irreversible changes. They designed their own experiments to test whether different mixtures could be sieved, filtered, or evaporated.



## YEAR 6

Year 6 have been learning about electrical circuits, recognising components and how they function. They have been using Micro:bit to set up circuits and create algorithms with inputs and outputs.



# Reaching for the Stars: How Dame Dr. Maggie Aderin-Pocock is Inspiring the Next Generation of Scientists

At Cranleigh, we believe in showcasing role models who inspire pupils to dream big and break barriers. One such incredible figure is Dame Dr Maggie Aderin-Pocock, a British space scientist, engineer, and science communicator. Her journey from a challenging childhood to becoming a leading figure in space science proves that with determination, anything is possible.

## A Passion for Space

Dr Aderin-Pocock was born in London to Nigerian parents and grew up facing many challenges, including dyslexia. Despite struggling with reading and attending 13 different schools, her fascination with space never faded. She pursued her passion and earned a PhD in Mechanical Engineering from Imperial College London.

Her career has been nothing short of extraordinary. She has worked on building instruments for satellites and telescopes and played a key role in developing a system that helps track satellites orbiting Earth.

## Bringing Science to Everyone

Beyond her scientific work, Dr Aderin-Pocock is a dedicated science communicator. She presents BBC's *The Sky at Night*, making space science accessible and exciting for all ages. She has also visited thousands of schools, encouraging young people, especially girls and those from underrepresented backgrounds, to consider careers in science, technology, engineering, and mathematics.



## A Role Model for Our Pupils

Dr Aderin-Pocock's story is a powerful reminder that backgrounds or barriers should never limit ambitions.

She has been vocal about the importance of representation in science and continues to inspire young people, showing them that the sky is not the limit - it's just the beginning!



# BRITISH SCIENCE WEEK

**7-16 March 2025**

**British Science Week** is a ten-day annual celebration of science, technology, engineering and maths that ran from 7th to 16th March this year.

There's a fantastic website that accompanies the initiative with a wide variety of activities for you and your family to complete at home.

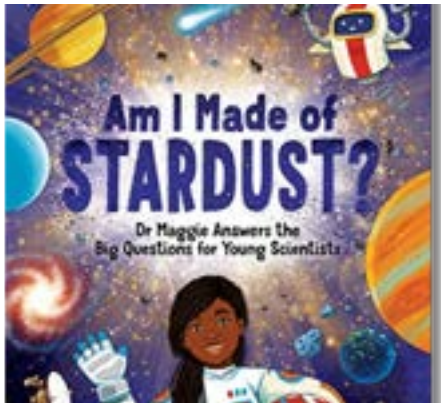
**Click HERE to access ALL activity packs.**

Click HERE for the Early Years pack.

Click HERE for the KS1 and KS2 pack.

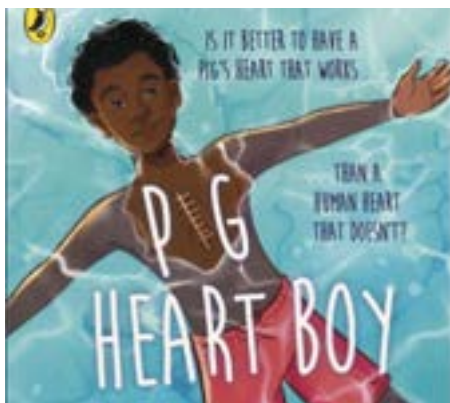
Don't forget to send in pictures of your creations; we'd love to see them!

# SCIENCE TEXTS



## Am I Made of Stardust?

Dr Maggie Aderin-Pocock answers children's questions about space in this engaging book. Organised into three sections: The Universe, Our Solar System, and Humans in Space - it's easy to dip in and out, with fun illustrations of Dr Maggie's robot assistant IQ!



## Pig Heart Boy

Thirteen-year-old Cameron longs for a normal life, but he needs a new heart. A doctor suggests a pig's heart transplant, but as Cameron grapples with the idea, he realises the world isn't so accepting. Isn't a working pig's heart better than a failing human one?



## Women in Science

Inspire your child with stories of pioneering women who changed the world, from Hedy Lamarr's technology to Marie Curie's Nobel Prize, Zaha Hadid's architecture, Mae Jemison's space journey, Amelia Earhart's flight, and Mary Anning's fossil discoveries - proving big dreams lead to great achievements.

Check out more Science books for children [HERE!](#)



Our **curriculum vision**, as presented on our website

## CURRICULUM

### CURRICULUM VISION

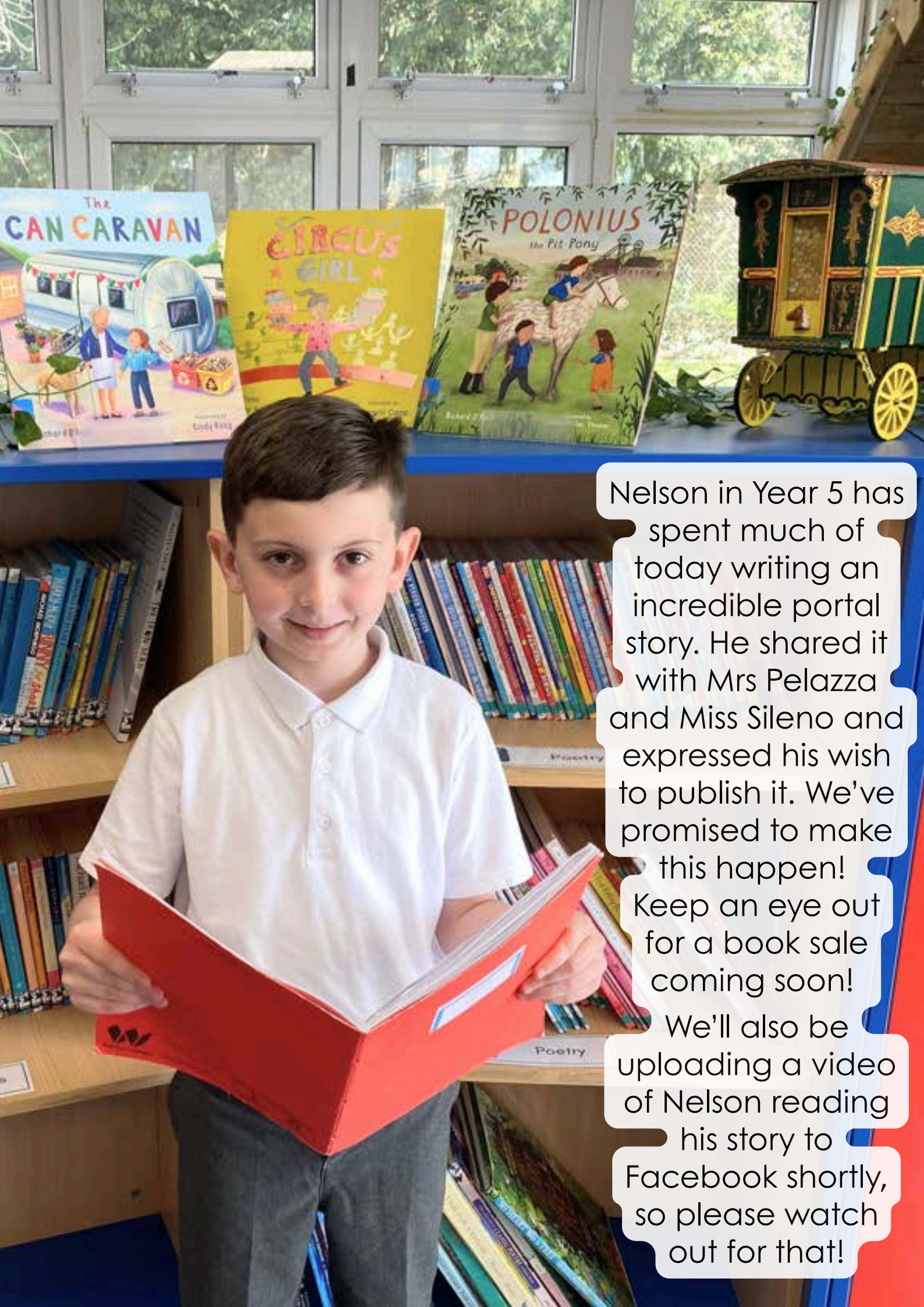
Our rigorous, ambitious and relevant curriculum is designed to serve each child within our richly-diverse community, ensure the 'highest standards of learning for all' and prepare all children for a joyful life in the modern world.

## WHAT YOUR CHILD IS LEARNING

A polite reminder that everything your child is learning - *in all subjects* - can be found on our website.

Please click **HERE** to access.

Should you have any questions, please just get in touch on  
01483 273286 or  
info@cranleighprimary.co.uk.



Nelson in Year 5 has spent much of today writing an incredible portal story. He shared it with Mrs Pelazza and Miss Sileno and expressed his wish to publish it. We've promised to make this happen! Keep an eye out for a book sale coming soon!

We'll also be uploading a video of Nelson reading his story to Facebook shortly, so please watch out for that!



## THIS WEEK AT CRANLEIGH

You have raised an incredible **£1,521** at our Soccer Star Fundraiser for the school to spend on sports and playground equipment!  
A special congratulations to Noah (Year 4), Willow (Year 1), and William (Year 4), who raised the most money. They have each won tickets to Gulliver's World, and Willow and William have also won a trip to Wembley Stadium! Well done, everyone!





## THIS WEEK AT GRANLEIGH

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On Monday, our school choir took part in the Primary Music Festival at **G Live**, joining voices with many other schools for a fantastic celebration of music. They sang beautifully, representing our school with enthusiasm. **Click the QR code above to hear their singing!** A huge well done to all our singers for their hard work and to Miss Killick for her dedication and effort as Choir Lead.





## ***THIS WEEK AT CRANLEIGH***

This week, Year 4 pupils have been learning essential bike skills through the Bikeability programme. They were developing confidence and safety on the roads, focusing on balance, control, and signalling, while also learning about road safety and traffic awareness.





# Faith

This year, **Eid al-Fitr** is expected to be celebrated on Sunday, 31st March, marking the end of **Ramadan**, a month of fasting, prayer, and giving to others. It is a special time when families and friends come together to share meals, exchange gifts, and celebrate.

We will be learning about Eid in class and look forward to Miss Khan's assembly next week.

If your family observes Eid, we would love to hear all about it.

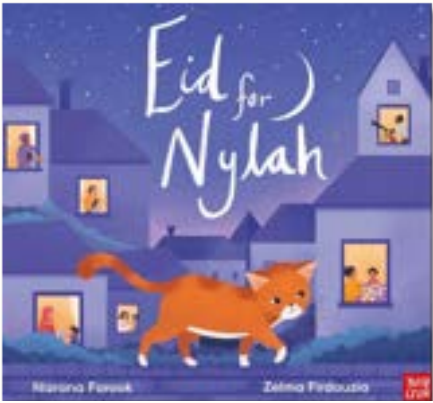
Wishing **Eid Mubarak** to all who are celebrating.

## Our Text of the Week:



**Malala Yousafzai**  
by Maria Isabel Sanchez Vegara

# BOOKS FOR EID



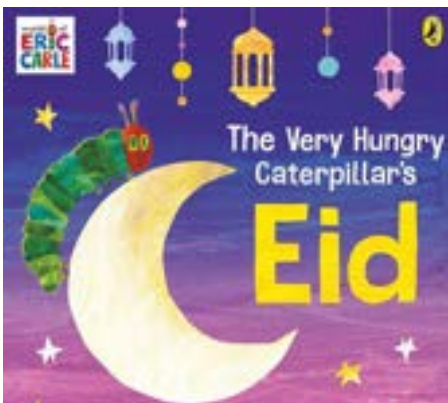
## Small Things

This is the story of a young boy who is full of worries. He is bullied at school. These worries eat away at him, making him feel entirely alone in the world. Yet with some help from his family and friends, he learns that everyone is worried about something and that people around us can help put things in perspective.



## Buried Alive!

Only child Tim and his fun friend Biscuits join Tim's rather strait-laced parents for a holiday in Wales. Everything goes well until two bullies, known as Prickle-Head and Pinch-Face, decide to spoil the boys' fun. This tale highlights friendship and bullying issues.



## Speak Up!

Mia has a huge secret – she's Elle-Q on-line, viral music star and inspiration to many teenagers. She sings about how she feels, which is what they feel too. However, in real life, Mia doesn't have many friends and is bullied because she's autistic. When there's a local talent show, Mia wants to enter, but is she ready to show the world who she really is?

Check out more books about Eid and Ramadan [HERE](#).

# Congratulations!

## House Points

Pioneers

922

Explorers

931

Discoverers

946

Adventurers

932

CLASS	STAR OF THE WEEK	HEADTEACHER'S AWARD	House point winners
Robins	Mary-Kate	Georgina	Georgina, Alaiia-Rose, Darcey
Sparrows	Sienna	Sebastian	Renee, Katie Louise, Roan
Owls	Storm	Clara	Evie, Alfie, Anam
Swans	Ariana	Lukian	Vogue, Rose, Lukian
Kingfishers	Ruby	Xavier	Layla, Brielle, Mary
Hérons	Lochie	Lilou	Amy, Esther, Davut
Cranes	Faith	Annie	Annie, Faith, Hania

## Weekly Attendance Winners

RECEPTION

YEAR 4

YEAR 5







# Safeguarding Contacts

*Please note - Mrs  
Jackson has joined  
our safeguarding  
team!*

If you have any concerns regarding a child, please ask to speak to one of our safeguarding team below straight away:

**K. Pelazza:** Headteacher / Designated Safeguarding Lead (DSL)

**J. Mills:** SENDCo / Deputy Designated Safeguarding Lead (DDSL)

**N. Jackson:** Assistant SENDCo / Deputy Designated Safeguarding Lead (DDSL)

**T. Church:** Thrive Practitioner / Deputy Designated Safeguarding Lead (DDSL)

**M. Parry:** Local Committee Safeguarding Lead

**The Good Shepherd Trust** [contacts](#)

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# 10 tips for parents and carers

## HOW TO BE GREEN WITH YOUR TECH

Right now, humans aren't living sustainably: we're taking too many resources and not leaving the world in a fit state for future generations. Old tech products are a clear example: if we throw them away, the poisonous lead and mercury inside can get into the food chain through the soil. Recycling tech, though, has its own issues: it's often exported to countries where the law doesn't protect people from hazards. Whole villages (including children) sort through discarded devices to remove useful parts and substances like gold, silver and copper – often putting their health at risk. Finding ways to re-use tech is the greenest option.

So what can we do with those cupboards and drawers full of old phones and unwanted computers?  
**Reuse, recycle, donate or sell them!**

### 1 DONATE THEM TO CHARITY

There are lots of charities that redistribute unwanted tech to worthy causes, either in the UK or in developing nations. If your old products are still working, this is a great option – as it means that new products don't have to be made. Search online for your nearest place that does this.

### 2 REMEMBER THE BATTERIES

Almost all batteries can be recycled – even the little 'button' ones from smaller gadgets. You could choose a box at home or school to keep used batteries in, and then take them to a designated place that collects them. Be very careful, though – button cells can be deadly if eaten by small children or pets.

### 3 USE YOUR ONLINE SAFETY KNOWLEDGE

If you're recycling, selling or repurposing any of your devices, make sure that all your personal data, private photos and so on have been deleted before the tech leaves your hands or is connected online.

### 4 REUSE THEM

Old smartphones can be used as webcams, security cameras, baby monitors or pet cams: there are apps that will configure them to do this. You can also turn an outdated phone into a TV remote control, an alarm clock that wakes you up with your favourite track, or a media centre you can take to places where you wouldn't risk your new phone.

### 5 TURN IT INTO SOMETHING NEW

Smartphones are more powerful than most older computers. If you have an unwanted android phone, it's quite easy to create a new computer – you could use an old TV as a monitor, meaning you just need a mouse and keyboard. There are also small devices you can buy which let you do the same with iPhones.

### 6 RETURN THEM

Return devices to the manufacturer or retailer you bought them from. Some manufacturers take responsibility for their products and accept them back, to refurbish and redistribute. If they don't, you could contact them and ask why: the more consumer pressure there is on shops and manufacturers, the more likely they are to act in a greener way.

### 7 SUPPORT SCIENCE

Let your old devices help modern research. Scientists currently investigating topics like far-off star systems, cancer treatment and earthquakes need enormous computing power. If your unwanted device is WiFi enabled, for example, you can connect it to a network so that it can boost scientists' research.

### 8 SELL THEM

This is also a green option as it means that fewer devices have to be produced. On top of that, you could also donate some of the money you make to an environmental charity.

### 9 RESEARCH DISPOSAL METHODS

If your device is beyond repair and no one wants it, get rid of it safely through a specialist tech disposal company. Check that your device won't be shipped off to another country for processing.

### 10 KEEP THINKING

There's no such thing as 'too many' ways to help our planet! If you come up with a better idea than ours, contact National Online Safety and tell us.

## Meet Our Expert

Neil Aldin teaches scientific literacy through his non-profit organisation, Rubbish Science, which engages people in working together to live more sustainably and creatively uses waste to help address real-life problems. There are a range of environmental activities you may like to try on their website: [www.rubbishscience.com](http://www.rubbishscience.com).



**NOS** National Online Safety  
#WakeUpWednesday

# Periodic Table of Sinister Emojis

by Amit Kalley

DRUGS				VIOLENCE				SEX				EXTREMISM		SELF-HARM		INCEL								
Cocaine	Cocaine	Cocaine	8	Marijuana	Marijuana	Weapon	Weapon	Marijuana	MDMA	Crime	Crime	Penis	Penis	Sex	Swinging	Nudes	Cutting	Neo-Nazi	100	Apple	Incel			
Marijuana	MDMA	Crime	Crime	Penis	Penis	Sex	Swinging	Nudes	Cutting	Neo-Nazi	100	MDMA	Katamine	Murder	Murder	Genitalia	Vagina	Vagina	Oral Sex	Porn	Burning	Neo-Nazi	1488	Anti-Woman
Mushrooms	Heroin	Throat	Locked Up	Lust	Lust	Lust	Oral Sex	Orgasm	Feeling Low	IS Extremism	Anti-Woman	NO2	Dealer	Trap Music	Switch	Intercourse	Intercourse	Fingering	Anal Sex	Orgasm	Not Eating	IS Extremism	Anti-Woman	

**Stay informed.**

**Keep your child safe.**

A huge thank you to **Chethi**  
in Year 5 for generously  
donating Roald Dahl books  
to our library.

We truly appreciate your  
kindness.



If you have any  
**good-quality books**  
to donate, please let  
the school know; we'd  
love to give them a  
new home in our  
**library.**

Community  
Notice



## Parent Information Session

On **Wednesday 2nd April**, at **2:30pm**, the Cranleigh Police will be hosting a community session at the school.

**EVERYONE IS INVITED.**

This is your chance to discuss any issues affecting our local community.

Please come along to the school office on the day.

A white rectangular tag with a hole on the left side, secured by a wooden stick. The tag is placed on a rustic wooden surface. Several yellow daisy flowers are scattered around the tag, some in focus and some blurred in the background. The text on the tag is written in a black, cursive font.

Happy  
Mother's  
Day!