

## GEOGRAPHY

- Describe and understand key aspects of physical geography in the context of what is under the Earth's surface.
- To describe and understand key aspects of physical geography in the context of volcanoes, earthquakes, tsunamis and tornadoes

## SCIENCE

- To compare different materials according to their properties
- Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.
- Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.
- Demonstrate that dissolving, mixing and changes of state are reversible changes
- To investigate the most effective conductors and insulators.

## ENGLISH

- Plan their writing by identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own.
- Noting and developing initial ideas, drawing on reading and research where necessary.
- Draft and write by selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning.
- In narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action.
- Using a wide range of devices to build cohesion within and across paragraphs.
- Using further organisational and presentational devices to structure text and to guide the reader [for example, headings, bullet points, underlining].
- Evaluate and edit by assessing the effectiveness of their own and others' writing.
- Proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning.

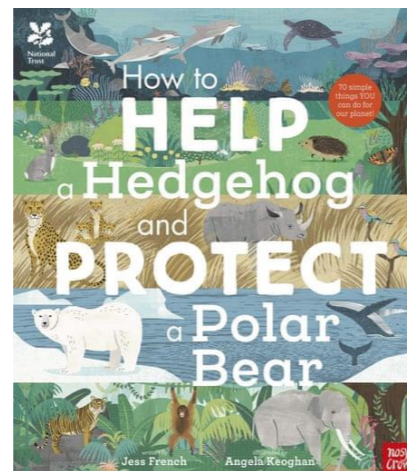
## DT

- Know that food is grown, reared, and caught in the UK, Europe and the wider world and that seasons affect availability
- Select appropriate ingredients to make a soup and use a wide range of techniques to combine them
- Understand how food is processed into ingredients that can be eaten or used in cooking
- Know that recipes can be adapted to change the appearance, taste, texture and aroma
- Know that different foods contain different substances - nutrients, water and fibre - that are needed for health
- Understand the need for correct storage



## COMPUTING

- Use physical computing to explore the concept of selection in programming
- Be introduced to a microcontroller (Crumble controller) and learn how to connect and program it to control components
- Make use of their knowledge of repetition and conditions when introduced to the concept of selection
- Write algorithms and programs that utilise the above concept
- Demonstrate their understanding of how the microcontroller and its components are connected



## FRENCH

- Numbers 1-50
- New verb: I go...
- Preposition "to"
- Definite article "the"
- Days of the week
- Adverbs of time and place
- House
- Infinitive of verbs
- In your garden (new nouns)
- Reading a timetable
- Pronouns I, he and she
- Writing "All about me"

## ART

- Add collage to a painted, printed or drawn background.
- Use a range of media to create collages.
- Use different techniques, colours and textures etc. when designing and making pieces of work.
- Use collage as a means of extending work from an initial idea.

## RE

- Learn about Bhagat Puran Singh
- Describe what Christians might learn about the afterlife from Bible stories.
- Consider whether Jesus knew he was going to be crucified.
- Discuss their own ideas about the importance of values to live by – comparing them to religious ideas.

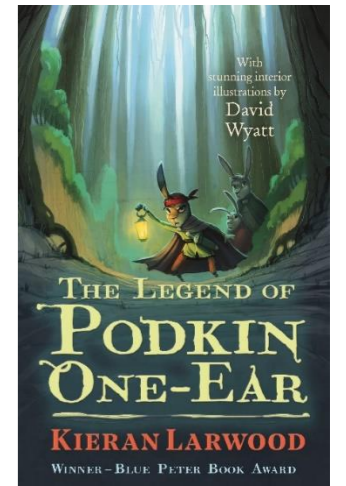
## P.E.

- Tag Rugby
- Tennis
- Athletics (sprinting, long jump, javelin, discus, shot put)
- Striking and fielding (throwing, catching, fielding, bowling, batting)

## MATHS

- Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
- Multiply numbers up to 4 digits by two-digit number using a formal written method.
- Divide a number with up to 4 digits by a one-digit number using a formal written method.
- Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred'.
- Use all four operations to solve problems involving measure [for example, length, mass, volume, money].
- Identify, describe and represent the position of a shape following a reflection or translation.
- Solve comparison, sum and difference problems using information presented in a line graph.
- Complete, read and interpret information in tables, including timetables.

# The Balance



## North America Class Summer

### KEY TEXTS AND PUBLISHED PIECES

- The Legend of Podkin One Ear by Kieran Larwood
- The Tower to the Sun by Colin Thompson
- No One Is Too Small To Make A Difference by Greta Thunberg
- Fantastically Great Women Who Saved the Planet by Kate Pankhurst
- How To Help A Hedgehog And Protect A Polar Bear by Jess French
- A narrative extension
- Persuasive letters linked to climate change
- How to defeat the Gorm
- Environment poetry

## MUSIC

- Be part of a Samba band and perform as a group
- Learn how to play different rhythms over each other
- Understand the origins of Samba
- Know the different percussion instruments used