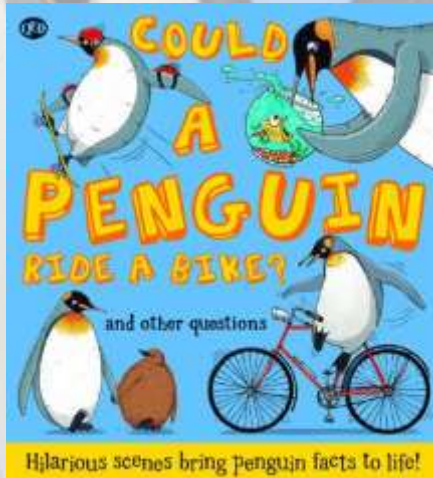




*Be all you can be*  
Hayes School

Year 2 Curriculum Plan: Autumn 2, 2022

The Big Question: Can we help to change the way people think about travelling to school?



Responsibility Success Aspirations Resilience Discovery Friendship



At Hayes, we strive for our children to push beyond any perceived idea of potential, to be all they can be, regardless of background in order that they leave us as good human beings - happy, kind and responsible. Our curriculum is integral in shaping the children to become independent and life-long learners. At Hayes, we also aim to equip our children with the ability to 'think' in order to make sense of an ever-changing world. Our curriculum has been designed, with thinking at its heart, to achieve our ultimate vision - all children will live fulfilling and happy lives, being all they can be.

A group of penguins, including several adults and many chicks, are gathered on a snowy beach under a clear blue sky. The penguins are the background for the text.

# **Big Questions**

## **BIG Question**

**Can we help to change the way people think about travelling to school?**

## **Geography Questions**

**Can we compare our local environment to that of a penguin?**

**How can our actions have an impact on other environments?**

**Can we use key vocabulary to explain directions?**

**Can we describe features of our environment?**

**Can I create my own map and label key features?**

**Can I describe human and physical features?**

## **Art Questions**

**Can I use an artist's work to influence my sketch?**

**Can I use line and colour in my artwork?**

**Can I create a design for a sculpture?**

**Can I use materials creatively?**

A group of King penguins and their chicks on a snowy beach. The background is a clear blue sky. The penguins are in the foreground, with some standing and some sitting. The text is overlaid on the image.

## Early Reading

**At Hayes, we strive to ensure that all children become confident and competent readers as well as developing a life-long love of reading. Through a rigorous daily phonics programme, all children develop their word reading and comprehension skills which they can apply across the curriculum. Here we also aim to develop children's vocabulary, allowing them to understand and make ambitious word choices.**

**As a parent/carer you play an important role in this journey and are actively encouraged to help and support along the way.**



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Year 2: Autumn 2 2022

### ENGLISH

- Writing letters
- Designing posters and slogans
- Labelling key features of diagrams
- Writing questions and answering them
- Understanding what a statement is and writing their own
- Descriptive sentences and paragraphs
- Christmas story writing

### MATHS

- Using Fact Families
- Checking Calculations and related facts
- Comparing number sentences
- Adding and subtracting 1s and 10s with 2-digit and 1-digit numbers
- Addition and subtraction of 1s and 10s, not crossing ten
- Addition and subtraction of 1s and 10s, crossing ten
- Addition and subtraction of two 2-digit numbers

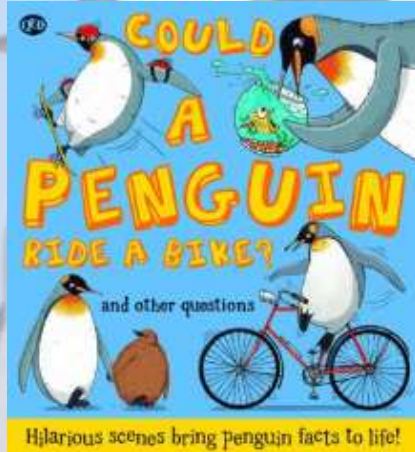


# English- Texts

## Main text:

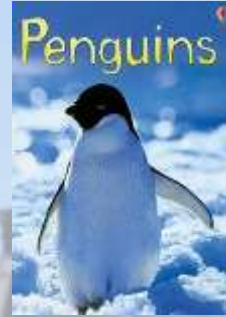
### Could a penguin ride a bike?

Imagine if a penguin comes to stay....Join King Penguin as he plays football, comes over for dinner and tries to ride a bike. Along the way, discover just how speedy, cute and greedy he really is...

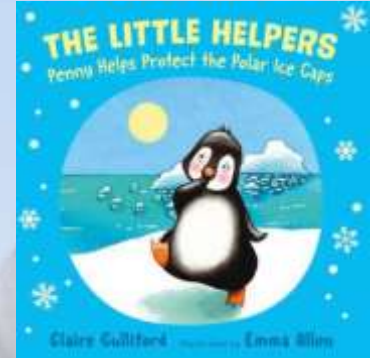


## Supporting texts:

### Penguins by Emily Bone



### The Little Helpers by Claire Culliford



### Can we really help the Polar Bears? By Katie Daynes



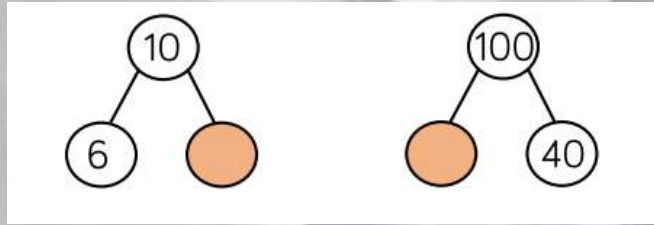
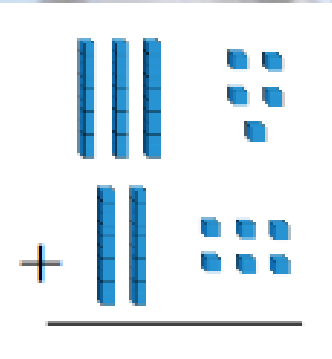
# English- key vocabulary

Vocab Dozen	
habitat	The natural home or environment of an animal, plant or organism
species	A group of living organisms
predator	An animal that naturally preys on others
enemy	A person or animal that is opposed or hostile to something
feathers	The part growing from a birds skin
preening	Tidying and cleaning feathers with a beak
continent	Any of the world's main areas of continuous land
ocean	A large area of sea
compass	An object which shows direction
equator	A dividing line in the middle of the earth
human feature	Features we can see around us that have been built by humans such as houses, roads and bridges
physical feature	Features we can see around us that are natural such as sea, mountains and rivers

# Maths - models and images

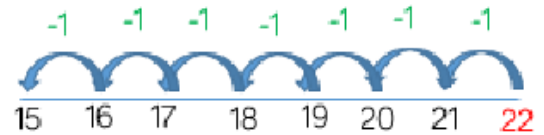
## Addition and subtraction

- Finding 1 more and 1 less
- Finding 10 more and 10 less
- Addition bonds to 100
- Adding and subtracting one digit and two digit numbers



$13 + 5$	$13 - 5$
$18 - 13$	$5 + 13$

$22 - 7 =$



10 less	Number	10 more
2	12	22
	37	



# Maths - models and images



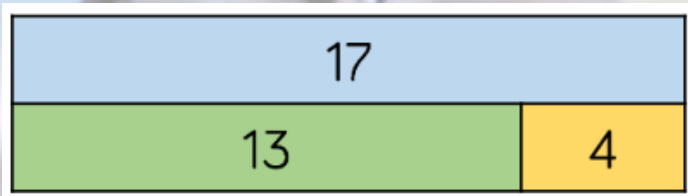
These calculations can't be right.

$$\begin{aligned}24 + 6 &= 84 \\25 - 23 &= 12 \\18 - 3 &= 21\end{aligned}$$

## Addition and Subtraction

- Using fact families
- Comparing numbers
- Checking calculations
- Related facts

$6 + 4$	<input type="radio"/>	$6 + 5$
$6 + 4$	<input type="radio"/>	$3 + 6$
$11 - 4$	<input type="radio"/>	$12 - 5$
$11 - 4$	<input type="radio"/>	$12 - 4$



$5 + 4 = 9$

$8 = 3 + 5$

$4 = 10 - 6$

$50 + 40 = \underline{\quad}$

$80 = 30 + \underline{\quad}$

$40 = \underline{\quad} - 60$



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Year 2: Autumn 2 2022

**Driver Subject: Geography**

- Compare our local environment to a contrasting environment
- Look at the impact of global issues on the environment
- Use observational skills
- Use compass directions
- Identify and name human and physical features
- Look at and create aerial drawings
- Look at and create maps with simple keys

**Driver Subject: Art**

- Study the work of a British artist (Alan Hunt) and how his work can influence ours
- Use line and colour to create sketches
- Design and create a sculpture of a habitat considering the materials, textures, colours and shapes needed to share their ideas
- Evaluate work by considering what they like or could have improved



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Year 2: Autumn 2 2022

### SCIENCE - Habitats

- Recognise whether things are alive, dead or have never lived.
- Identify different plants and animals and recognise that they are suited to their different habitats, including micro-habitats.
- Recognise how different habitats provide for the basic needs of animals and plants.
- Understand that animals get their food from other animals and/or from plants.
- Recognise that a food chain is made of a series of plants and animals that eat each other and shows how energy is transferred from one organism to another via food.

### COMPUTING

- To understand what an algorithm is and create a computer program using one
- To understand that algorithms follow a sequence
- To understand what different events do in a code
- To understand the functions of different buttons within a program
- To understand what 'debugging' means and to debug a simple program



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## Year 2: Autumn 2 2022

### R.E

- Discuss communities and the importance of them
- Learn about what Jesus and other religious leaders said about loving others
- Discuss traditional welcome ceremonies and their symbols and how people express their identity

### PSHRE

- To learn what pollution is and think about how small steps to reduce it can make a big difference
- To learn about global warming and what we can do to help make a difference in slowing it down
- To understand the problems that waste plastics cause and consider how encouraging recycling can make a difference

### PE

- To be able to roll a ball to hit a target, and develop co-ordination and to stop a rolling ball
- To develop technique and control when dribbling a ball with their feet and their hands
- To develop control and technique when kicking a ball
- To develop co-ordination and technique when throwing and catching

### Music

- Learn 3 songs; Sparkle in the sun, Listen and the Orchestra sing
- Listen and respond to a range of music
- Compose and improvise to the tunes