

# Heathfield PRIMARY SCHOOL



**CURRICULUM BOOKLET**

**YEAR 4**

**SPRING 2**

# WRITING

## KEYWORDS

repetition  
onomatopoeia  
simile  
metaphor  
personification

adjectives  
language features  
organisational features  
subordinating conjunctions  
coordinating conjunctions

fronted adverbials  
full stops  
non-chronological reports

explanation  
time connectives

## IN SCHOOL WE WILL BE LEARNING

### This half term we will be focusing on:

Narrative writing, with a particular focus on developing action, and fact files. Within these genres, the children will identify the purpose of the text, understand how to structure it effectively and apply the appropriate writing skills.

### The skills we will be teaching the children and expecting them to use within their writing will include:

- adverbs to describe action and enhance detail
- a variety of sentence structures (simple, compound and complex)
- fronted adverbials
- accurate paragraphing
- formal language appropriate to purpose

We will be using our class text (including characters, settings and key events) to support the writing focus each week and to develop the children's application of these skills. Pupils will be expected to draw upon their understanding of action, character development and factual information to produce engaging narratives and well-structured fact files.

### Key themes within their learning will be linked to:

Action and pace in narrative writing, organisation of factual information, sentence variety and the use of formal language.

## AT HOME YOU CAN

- Write a narrative based on the Vikings.
- Practice using variety of sentences for effect.
- Write a fact file about coasts or rivers.
- Using the links below have a look at how to write an explanation text and non-chronological report and go through the activities on the website.

## USEFUL WEBSITES



[non-chronological report](#)



[creative narrative writing](#)

HAPPY HARDWORKING COURAGEOUS KIND

H

# READING

## KEYWORDS

retrieve  
summarise  
retrieval  
deduce  
explain

genre  
key vocabulary  
fiction non-fiction  
prediction  
scan

skim  
search

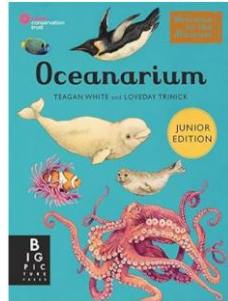
## IN SCHOOL WE WILL BE LEARNING

The children will continue to read the class text **Oceanarium**. They will use this text to further develop their understanding of non-fiction writing, whilst applying a range of reading skills when responding to questions.

This half term, we will be focusing primarily on **retrieval**, with a particular emphasis on identifying key information accurately and efficiently within a text. The children will also develop their understanding of **synonyms** and broaden their **vocabulary**, recognising how different words can have similar meanings and how this supports comprehension.

They will practise locating precise evidence to support their answers and deepen their understanding of subject-specific and unfamiliar vocabulary encountered in the text.

As part of their reading lessons, children will be encouraged to consider how information is organised and presented in non-fiction texts. Developing strong retrieval skills and a rich vocabulary will further support their reading comprehension across the curriculum.



## AT HOME YOU CAN

- Read daily for 10 minutes to an adult. The adult to write comment in the child's reading journal.
- Make predictions about library books each week based on – front cover, specific events in the story or the actions of the characters.
- Identify unfamiliar vocabulary from books that are read and use the dictionary to find the meanings – create own little bank of words and their definitions.
- Create word mind-maps to show synonyms – use the thesaurus to help develop understanding of this skill.
- Write a weekly review of a book that your child has read.

## USEFUL WEBSITES



[Retrieval skills](#)



[intonation and expression](#)

HAPPY HARDWORKING COURAGEOUS KIND

H

# MATHS

## KEYWORDS

place value  
decimals  
tenths  
hundredths  
whole number

rounding  
comparing  
ordering  
round up  
quantities

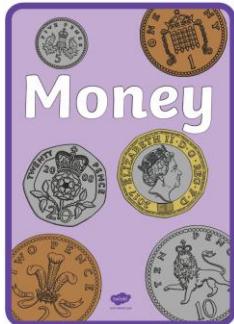
counting  
round down  
pound  
pence  
value

## IN SCHOOL WE WILL BE LEARNING

This term, Year 4 will develop a deeper and more secure understanding of decimals. They will focus on recognising the value of digits in numbers with one and two decimal places, helping them clearly understand the relationship between tenths, hundredths and whole numbers. Children will practise rounding decimals with one decimal place to the nearest whole number and will build confidence in comparing and ordering decimals up to two decimal places.

Alongside this, they will strengthen their understanding of place value by making clear links between decimals and money. By exploring how pounds and pence connect to tenths and hundredths, children will apply their knowledge in practical, real-life contexts and develop greater fluency when working with decimal numbers.

Throughout the term, pupils will use their understanding of fractions and decimals to solve a range of measure and money problems. These activities will encourage them to explain their thinking, make sensible estimates and apply their skills in meaningful situations, further developing their reasoning and problem-solving abilities.



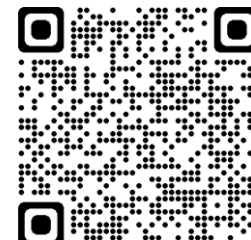
## AT HOME YOU CAN

- Play a rounding game – give children a random decimal (e.g. 4.6) and ask if it rounds up or down.
- Let your children help you with measurements when cooking using a measuring jug.
- Look at receipts and identify decimal amounts.
- Measure family members' heights and compare decimal differences.
- Practise times tables using Times Table Rockstars.

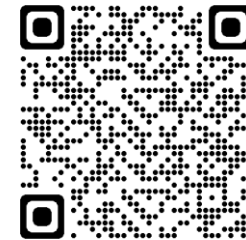
## USEFUL WEBSITES



[TopMarks money games](#)



[decimals](#)



[Times Table Rockstars](#)

HAPPY HARDWORKING COURAGEOUS KIND

H

# SCIENCE

## KEYWORDS

amphibian  
animal kingdom  
annelid  
arachnid  
arthropod

bird  
classification key  
common name  
crustacean  
evolution

exoskeleton  
fish  
insect  
invertebrate  
mammal

molluscs  
myriapods  
vertebrate

## IN SCHOOL WE WILL BE LEARNING

This half term we will look at the topic 'Grouping and Classifying'. In this project, children learn about classification and the essential classification skills of observing and questioning. They explore classification keys and how they are constructed.

Children learn about the animal kingdom. They understand the characteristics of five vertebrate groups (amphibians, birds, fish, mammals and reptiles) and six invertebrate groups (annelids, molluscs, arachnids, crustaceans, insects, and myriapods). They classify animals into these groups and look for patterns in their observable characteristics. Children also learn about vascular and non-vascular plants from the plant kingdom, sorting and classifying vascular plants into three groups: flowering, cone-bearing and spore-producing. They examine and classify real plants and create a classification key based on their observations.

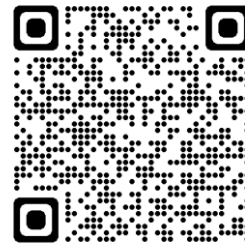
They will at the end of this term focus on reporting and concluding, with children classifying and researching some newly discovered plants and animals.



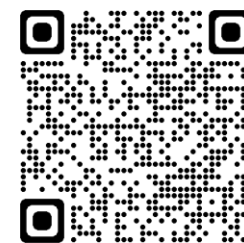
## AT HOME YOU CAN

- Go outside into the garden or local park and note down all the living creatures you see. Can you group them into e.g. all birds, all insects).
- Learn about [classifying](#).
- Learn about [different types of animals](#).

## USEFUL WEBSITES



classifying



different types of animals

HAPPY HARDWORKING COURAGEOUS KIND

H

# HUMANITIES GEOGRAPHY

## KEYWORDS

County	Physical features	Harbour	Waves
City	Coast	Dunes	Tides
Region	Cliff	Shoreline	Sediment
Map	Beach	Erosion	
Atlas	Headland	Weathering	
Human features	Bay	Deposition	

## IN SCHOOL WE WILL BE LEARNING

### Geography – Counties and Coasts

This term, the children will be learning about counties and coasts, developing their understanding of the physical and human geography of the United Kingdom. They will begin by exploring the counties and major cities of the UK, learning to locate them on a map and understanding how counties are organised. Children will develop their map-reading skills, using atlases and digital maps to identify key places and describe their locations using geographical vocabulary. The children will then focus on coastal environments. They will learn about the key physical features of coasts, including cliffs, beaches and headlands, and explore how these are formed. Through studying erosion and other natural processes, they will understand how the sea shapes the land over time and how beaches are created.



Throughout the unit, pupils will build their enquiry skills, use geographical language confidently and develop a deeper understanding of how physical processes and human actions shape the world around them.

## AT HOME YOU CAN

- Look at a map together (atlas, Google Maps, even a road map in the car!) and find your home county.
- Challenge your child to name and locate a few other counties or major UK cities
- If you visit the seaside, look closely at the features: cliffs, rocks, pebbles, sand.
- Make a mini “coastline” in a tray using sand or soil and gently pour water against it to show erosion in action.

## USEFUL WEBSITES



BBC Bitesize- Coasts of UK



BBC Bitesize- Coastal Erosion

HAPPY HARDWORKING COURAGEOUS KIND



# COMPUTING

## KEYWORDS

data  
table  
layout  
input  
device

sensor  
logger  
logging  
data point  
interval

analyse  
dataset  
import  
export  
logged

collection  
review  
conclusion

## IN SCHOOL WE WILL BE LEARNING

### Data Logging

In this unit, the children will consider how and why data is collected over time. They will consider the senses that humans use to experience the environment and how computers can use special input devices called sensors to monitor the environment. The children will collect data as well as access data captured over long periods of time. They will look at data points, data sets, and logging intervals. Learners will spend time using a computer to review and analyse data. Towards the end of the unit, children will pose questions and then use data loggers to automatically collect the data needed to answer those questions.

At the beginning of the unit, children will consider what data can be collected and how it is collected. They will think about data being collected over time. They will also think about questions that can and can't be answered using available data and reflect on the importance of collecting the right data to answer questions.



## AT HOME YOU CAN

### Collecting Data Over Time:

- Engage your child in a simple data collection activity over time. For example, they could track the temperature outside each day for a week using a thermometer or weather app.
- Discuss the concept of data points, data sets, and logging intervals, and encourage your child to record their observations in a journal or spreadsheet.

### Real-World Applications:

- Discuss real-world applications of data collection and analysis, such as weather forecasting, environmental monitoring, and health tracking. Help your child understand how data-driven decisions impact various aspects of our lives.

## USEFUL WEBSITES



[What is a data logger?](#)



[wonders of data loggers](#)

HAPPY HARDWORKING COURAGEOUS KIND

H

# ART

## KEYWORDS

- Printing
- Printmaking
- Press
- Rotate
- Roll
- Rub
- Stamp
- Design
- Refine
- Texture
- Block print
- Printing block
- Pop Art
- Composition

## IN SCHOOL WE WILL BE LEARNING

This term in Art, the children will be exploring printing, inspired by the bold and colourful work of Andy Warhol. They will experiment with a range of printing techniques, including pressing, rotating, rolling, rubbing and stamping, to understand how different methods create different effects.

As their skills develop, the children will design and create their own printing block inspired by Anglo-Saxon art, drawing on traditional patterns and motifs. They will learn how to refine their designs carefully, focusing on creating clear, precise printing patterns.

Throughout the topic, pupils will build their confidence in layering, creating prints with two or more layers of colour to add depth and interest to their work. This unit will encourage creativity, careful craftsmanship and thoughtful design as the children explore both modern and historical artistic influences.



## AT HOME YOU CAN

- Research about Andy Warhol and explore his art
- Try to recreate his work at home
- Research about pop art
- Explore different art styles
- Use cut potatoes, sponges, or even Lego bricks to create simple prints.
- Experiment with pressing, rolling or stamping using washable paint.
- Spot repeating patterns in fabrics, tiles, wallpaper or packaging.

## USEFUL WEBSITES



Easy art for kids



easy box card print making

# MUSIC

## KEYWORDS

semibreve  
minim  
dotted minim  
crotchet  
quavers

semibreve  
rest  
timbre  
tone

## IN SCHOOL WE WILL BE LEARNING

Year 4 are continuing to be very lucky as they will continue to receive the provision of a specialist music teacher.

Year 4 will continue to develop their playing of the Nuvo DooD.

The specialist teacher has will continue to develop instrumental technique, accuracy, and competency.

The amount of notation will increase from last half term with revision and development of the symbols including; semibreve, minim, dotted minim, crotchet, quavers, semibreve rest, minim rest, dotted minim rest, crotchet rest and quavers.

Pupils will play along with a range of songs with pupils determining pitch of notes (from notes B-E on the staff) and dynamic symbols (p, mp, mf, f) whilst performing.

Pupils will continue to play solo and with others to develop musical competencies of playing in time and (where appropriate) in tune.

Hopefully pupils will have the ability to play a range of up to five notes (B, A, G, F and E) confidently and with good tone production.

We will also be asking pupils to improvise and create/compose music on their own and with others using the Nuvo DooD.



## AT HOME YOU CAN

- Listen and appraise songs that they have heard from a range of sources. Can pupils name the instruments involved in different songs?
- There is a link below this with a link to a video quiz that test the knowledge of musical instruments and what they sound like.
- Can pupils hold a beat? Test your child to create a beat by tapping, clapping or banging different items.
- Building on this, I included a link to a video that goes through bucket drumming, a fun easy to do lesson that could be easily adapted to different songs.

## USEFUL WEBSITES



[Bucket drumming](#)



[Musical Instruments Quiz](#)

HAPPY HARDWORKING COURAGEOUS KIND

H

# RE

## KEYWORDS

punishment  
friends  
crucified  
forgiveness  
perpetrator

trafficking  
suffering  
charity  
Zakah  
crucifixion

## IN SCHOOL WE WILL BE LEARNING

### Being Merciful and Forgiving

In this unit, the children will learn about forgiveness and what it means to show mercy to others. They will explore these ideas through different religious perspectives, particularly Judaism and Christianity.

The children will study the story of Joseph and his brothers, discussing why this story is significant in both faiths and what it teaches about forgiveness and reconciliation. They will also look at a passage from the Gospel of Luke, learning about crucifixion as a form of punishment during the time of Jesus. Through this, they will explore why Christians believe that Jesus' death made forgiveness possible and restored the relationship between people and God.

### Responding to Suffering

In this unit, the children will think about what it feels like to experience hurt and how people can respond with care and compassion. They will reflect on the support that can be offered in different situations and consider how communities help those in need.

The children will learn about charities that support vulnerable children, including those affected by trafficking and exploitation. They will also explore how Muslims respond to suffering through the practice of Zakah (charitable giving). As part of this topic, they will revisit the Easter story and discuss how Christians reflect on Jesus' crucifixion and what it means to them.

## AT HOME YOU CAN

- Think of people that might need help (older people, homeless, younger siblings, unwell people). Discuss with your family what can you do to help them. Try to make a small difference in their lives by helping them.
- Do a charity event. Raise money for a charity of choice: <https://www.helpforheroes.org.uk/give-support/ways-to-fundraise/fundraising-ideas/fundraising-ideas-for-kids/>
- If you have food that is in date but not being used at home, donate to the food bank at most local supermarkets by the check outs.

## USEFUL WEBSITES



Forgiveness – the story of Easter



How do Christians respond to suffering?

# HAPPY HARDWORKING COURAGEOUS KIND





# PE

## Keywords

stroke  
backstroke  
front crawl  
floating  
tread water  
apparatus

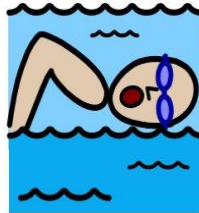
balance  
landing  
technique  
rotation  
stretching  
posture

## In school we will be learning

### Swimming

During this term, the children will be developing their skills in swimming. They will focus on developing their water confidence and enhancing their overall swimming ability.

They will learn key skills such as floating, breathing control and performing different strokes like front crawl and backstroke. They will also learn how to tread water.



## At home you can

- To develop your flexibility, do 10 stretches a day: while standing up, touch your toes, keeping your legs straight; claps your hands behind your back and lift your arms; and while kneeling, reach your arms back to hold onto your ankles while trying to keep your legs together.
- Go to a local swimming baths and get comfortable with being in the water!

## Useful websites



Swim England



Free activity resources

Happy hardworking courageous kind

