

Heathfield PRIMARY SCHOOL



Curriculum Booklet

Year 4

Autumn 1.1

Writing

Keywords

setting description
narrative
conjunctions
similes
expanded noun phrases
powerful verbs

adverbs
language features
commas
organisational features
fronted adverbials
subordinating/ coordinating

adverbs
five senses

In school we will be learning

The writing in YR4 will be linked to our topic of the Anglo-Saxons.

We will be focusing on:

- Setting descriptions.
- Narratives

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

Third person

Descriptive language (adjectives, powerful verbs and adverbs)

Conjunctions- subordinating and coordinating.

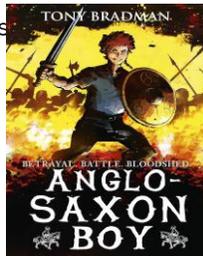
Dialogue

Similes

Paragraphs

In both cases we will be using the class text (characters, events and places) to support the writing focus.

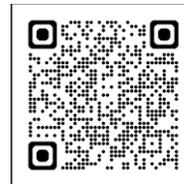
Key themes within their learning will be linked to: loyalty and family, courage and heroism, leadership and responsibility, fear, ambition and adventure.



At home you can

- Write setting descriptions based on the theme of invasions.
- Explore different environments and encourage children to note down what they see, hear, smell, and feel. Use this to write a setting description.
- Write a short story.
- Create word banks of your own to use in class!

Useful websites



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H

Reading

Keywords

retrieve
summarise
inference
retrieval
explain

genre
constructed response
key vocabulary
prior knowledge
fiction

non-fiction

In school we will be learning

The Reading in YR4 will be linked to the topic of Anglo Saxons.

Our class text is Anglo Saxon Boy By Tony Bradman.

We will start the year by reading Anglo Saxon Boy by Tony Bradman. In reading lessons, we are covering simple retrieval and inference from a paragraph before extending to a page and then a chapter. We will also be making suitable predictions and summarising.

In reading the children will be learning to use effectively the following skills:

- Retrieval
- Inference
- Vocabulary

Key themes in fiction text:

loyalty and family,
courage and heroism,
leadership and responsibility, fear, ambition and adventure.



At home you can

- To research all about the author of our class text: Tony Bradman. Use the internet and website provided below to help you. Create an information poster about him.
- To research about Anglo Saxons to understand this time period in history.
- Practice how to retrieve information .
- Read with your child for 10 minutes every day, and write a comment in their reading journal. Question them about the text read and ensure the books are accessible for the child (levelled books or enrichment books should be used).

Useful websites

[Tony Bradman](#)



[Anglo Saxons](#)



[Retrieval](#)



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H

Maths

Keywords

Multiplication
addition
ordering
Tenths
Ones
subtraction

partition
hundredths
Negative
Place value
Value
decimals

Thousandths
positive
greater
less than
equal to

In school we will be learning

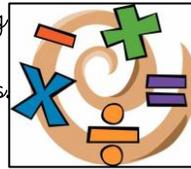
In Year 4, students learn about place value by understanding the value of each digit in a number based on its position. This includes recognizing units, tens, hundreds, and thousands.

They will practise reading, writing, and comparing numbers up to at least 10,000, as well as rounding numbers to the nearest 10, 100, or 1,000.

Additionally, students explore the concept of decimal place value, focusing on tenths and hundredths, to build a foundation for understanding fractions and decimals.

This knowledge is crucial for developing strong arithmetic and problem-solving skills.

The children will also be expected to learn their timetables to 12x12, starting from this term. The children will be tested on their timetables knowledge in the Summer Term.



x	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

At home you can

- Using the website below called topmarks - to learn more about place value through games.
- Explore different values of a place value chart and draw a poster to show representation.
- Discuss value of money, whilst using pounds and pence. How the decimal point is used in money.
- Practise writing all numbers in numerals to 1000.
- Practise writing all numbers in words to one thousand.
- To create your own place value chart - to help you work out 1, 10 or 100 more or less from any given amount.

Useful websites

[Times Tables Games \(topmarks.co.uk\)
Timestables.com](https://www.topmarks.co.uk/Timestables.com)

[Free multiplication games at](https://www.topmarks.co.uk/maths-games/7-11-years/place-value)



Top marks



<https://www.topmarks.co.uk/maths-games/7-11-years/place-value>



Timestables

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Science

Keywords

ecosystem
producer
consumer
Predator
interdependence

digestion,
oesophagus
,stomach
intestines
rectum

incisor
canine
premolar
molar
tooth

In school we will be learning

This half term the children will learn about ecosystems, exploring how living things and their environments are linked through interdependence. They will study food chains and food webs, seeing how energy passes from plants to animals and how changes can affect the whole system. They will also look at how environments change over time, both naturally and through human activity, and the impact this has on living things. The focus will then move to humans, where they will study the digestive system and the functions of its main organs, as well as the different types of teeth and how their shapes are linked to diet.

Properties of solids



- Solids can be held.
- They keep their shape and do not flow.
- They always take up the same amount of space.
- They cannot be compressed.

Properties of liquids



- Liquids cannot be held easily.
- They flow and can be poured.
- They take the shape of the container they are in.
- They cannot be compressed.

Properties of gases



- Gases cannot be held.
- They have no fixed shape and fill the available space in the container.
- They can be compressed.
- They are normally invisible.

Examples



metal wood plastic

Examples



water oil milk

Examples



air helium

At home you can

- helping them research an ecosystem such as a rainforest, desert, ocean or even your garden, and finding out which plants and animals live there.
- They could make their own food chain using drawings or toy animals or keep a short food diary to see how food helps the body stay healthy and gives energy.
- You might also look at their teeth in the mirror together and try to spot incisors, canines, premolars and molars, then compare them with pictures of animal teeth.

Useful websites



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Humanities History

Keywords

Anglo-Saxons	Norway
AD	ruler
BC	throne
invasion	hierarchy
settlements	army
Sweden	soldiers

In school we will be learning

Invasion: Anglo Saxons and the Vikings

This term, children will explore the topic of the Anglo-Saxon period. They will learn about life in Britain during this era, examining what archaeological discoveries reveal about the civilization.



Students will develop their questioning, and analytical skills through the study of primary and secondary sources.



They will consider the chronology of events from this period in time and some of the significant events that eventually shaped the face of Britain.

At home you can

- Create a timeline about this period in history and identify some key events on it.
- Keep a diary entry from an Anglo-Saxon point of view - describing what happened during the battle of Hastings 1066.
- Make a poster about Britain during/ after its invasion by the Vikings.
- Research about some of the significant people from this period and make information poster. These would include Harold Godwinson, Duke of Normandy and Harald Hardrada.

Useful websites



Anglo-Saxons



Anglo-Saxon Video

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Computing

Keywords

Network
Router
Internet
World Wide Web
Website

Webpage
Content
Ownership
Copyright
Reliable / unreliable

information
Online safety

In school we will be learning

This half term, Year 4 will deepen their understanding of networks by exploring the internet as a network of networks. They will learn that the World Wide Web (WWW) is only part of the internet, containing websites and web pages. Children will investigate how networks connect and share information across the world. They will also examine how websites are stored on servers and accessed by users. The unit will guide children in analysing the different parts of a website. They will explore how media can be shared online in various forms. Children will have opportunities to create their own online content. A key focus will be on ownership of online materials and the rules that protect them. They will learn why copyright is important and why respecting it matters. The unit encourages children to evaluate the reliability of online content. They will consider how to spot false, misleading, or unreliable information. Children will reflect on the consequences of sharing inaccurate content. By the end, they will understand both how the internet functions and how to use it safely. They will also develop critical thinking skills to navigate online information responsibly.



At home you can

- Asking them to explain how devices at home connect to the internet.
- Explore different websites together and talk about what kind of information they provide and who might have created it.
- Encourage them to think about whether the content is trustworthy, and what rules might apply to using it.
- You could also look at news articles, images or search results and discuss how to tell if they are real, accurate and reliable.

Useful websites



How the internet works



internet device quiz

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H

DT

Keywords

pneumatic system
components
syringe

plunger tubing
mechanism input
movement output

movement
compression
pressure inflate

deflate

In school we will be learning

This term, children will explore the topic of pneumatic systems, learning about how air can be used to create movement and investigating where pneumatic systems are used in everyday life. Through studying products and mechanisms that rely on air pressure, they will develop their designing, making, evaluating and technical knowledge skills. Children will gain an understanding of what a pneumatic system is and how it works, produce models that use pneumatics to create movement, and design and make a toy with a moving feature powered by pneumatics. Finally, they will evaluate their work, identifying strengths and areas for improvement.



At home you can

- Research different products that use pneumatic systems (e.g. bus doors, fairground rides, bicycle pumps).
- Create a labelled diagram showing how a syringe-based pneumatic system works.
- Design your own toy idea that could use pneumatics and share it in class.
- Investigate how air can be compressed at home by experimenting with balloons or plastic bottles.

Useful websites



What is a pneumatic device?



Learn about Pneumatic systems

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Music

Keywords

semibreve
minim
dotted minim
crotchet
quavers

semibreve rest
minim rest
dotted minim rest
pitch
timbre

tone

In school we will be learning

Year 4 pupils will have an external music teacher providing specialist teaching in the area of Nuvo Dood.

The specialist teacher has the aim to develop instrumental technique, accuracy, and competency.



In Music, the children will be learning through Nuvodood, an exciting and creative way to explore music.

They will develop their sense of rhythm and pulse, practise listening carefully, and learn how to respond to sounds using their voices, body percussion, and instruments. The children will also begin to experiment with creating their own short patterns and compositions, giving them the chance to express themselves musically.

Through the Nuvodood, they will build confidence in performing, improve their coordination, and develop teamwork as they make music together.

This approach will not only strengthen their musical skills but also encourage creativity, focus, and enjoyment in learning.

At home you can

- Discuss playing the Nuvo Dood with year 4. How does it sound? Could they get the notes correct? Discuss where the fingers go for different notes.
- Pupils can learn what the vocabulary means around music with the link provided. This includes pulse, timbre.
- Listen and appraise songs. From the radio, adverts, TV. Why do we like them? What instruments can you hear?

Useful websites



[Holding the Dood and playing B. A. G](#)

An excellent series of videos to learn how to play a Nuevo Dood.



[musical dimensions for year 4](#)

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RE

Keywords

joy
expression
happiness
Individuals
memories
gratitude

Diwali
Hindu
Christianity
harvest
thankfulness

In school we will be learning

This term the children will be looking at the disposition of 'Expressing Joy' and 'Being Thankful'.

Expressing Joy

In this unit, the children will explore the concept of expressing joy, starting with discussions about their own memories. They will have discussions about how joy differs from happiness. Children will then explore how Hindu's express joy during Diwali, looking at the 'Diwali story' highlighting the triumph of good over evil and the spiritual joy it brings. They will look at different celebrations and discuss how joy is represented through different customs and rituals.

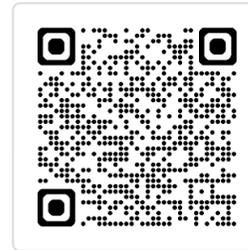
Being Thankful

In this unit, students will explore the theme of being thankful, focusing on different religious perspectives. They will have various discussions of where food comes from and specifically learning about Hindu beliefs regarding gratitude for food. Children will also learn about Christian practices and the belief that food is ultimately provided by god and the significance of the harvest season. This will lead onto the children reflecting on their own gratitude, considering what they are thankful for, how they show gratitude, and the impact of being thankful on their lives.

At home you can

- Have a discussion about joyful memories.
- Read the Diwali story together and discuss themes of good triumphing over evil.
- Research different cultural celebrations that express joy and make a poster.
- Look at where different foods come from and the journey it takes to reach the table.

Useful websites



[Diwali story](#)



[The journey of food](#)

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PSHE

Keywords

strengths
skills
interests
goal-setting
resilience

mindfulness
growth mindset
improvement

In school we will be learning

Health and Well-Being

What strengths, skills and interests do we have?

In Autumn, Year 4 children will learn about their strengths, skills, and interests. They will find out what makes them unique and special. They will learn to feel good about themselves by recognising what they are good at and what they enjoy. The children will also learn how to set goals and the steps to achieve them.

Additionally, the curriculum will focus on learning from mistakes and setbacks, encouraging a growth mindset that views challenges as opportunities for improvement. Emphasis will be placed on building determination and resilience, essential traits for overcoming obstacles. Through various activities and discussions, children will understand that making mistakes is a natural part of learning and personal growth.



At home you can

- Talk to your child about things they are good at. Get them to make a list of all these things.
- Look at setting goals that your child wants to achieve with them.
- Practice mindfulness and relaxation exercises with your child.

Useful websites



[growth mindset](#)



[Mindfulness](#)

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PE

Keywords

balancing
rolling
jumping
flexibility
strength

control
balance
combination
technique
yoga

Poses
Breathing
Meditation
Focus
calm

In school we will be learning

Fitness

In this unit pupils will take part in a range of activities that explore and develop different areas of their health and fitness. Pupils will be given opportunities to work at their maximum and improve their fitness levels, recognising how the activities make them feel. They will need to persevere when they get tired or when they find a challenge hard and are encouraged to support

others to do the same. Pupils are asked to recognise areas for improvement and suggest activities that they could do to do this. Pupils will be encouraged to work safely and with control.



Yoga

Pupils learn about mindfulness and body awareness. They learn yoga poses and techniques that will help them to connect their mind and body. The unit looks to improve wellbeing by building strength, flexibility and balance. The learning includes breathing and meditation.

At home you can

- To develop strength of muscles practice doing 10 squats, press ups and sit ups a day.
- To develop your flexibility, do 10 stretches a day: while standing up, touch your toes, keeping your legs straight; clasp 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.
- Make an obstacle course from different pieces of equipment around your house. This could be anything from cushions to spoons. Get a family member to complete the course.
- Try and read a map of your local area and find your house, school, park...

Useful websites



12 easy exercise for children at home.
<https://youtube.com/FB5-7tix-I>



Yoga stretches
<https://youtube.com/vokL9XXdlw0>

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