

Heathfield PRIMARY SCHOOL



Curriculum Booklet

Year 5

Spring 1

writing

Keywords

narrative
one-sided argument
diary entry
adjectives
full stops

commas
fronted adverbials
conjunctions
problems
resolution

emotive language
description
feelings
persuasion
expanded noun phrase

In school we will be learning

Year 5 will be completing their one-sided arguments, where they will use persuasive language to convince the reader to agree with them. They will be writing pieces with subject context linking to our new book.

Following on from this, the children will be focusing on writing a diary entry. They will use the transferable skills from the last diary entry to add new features, such as emotive language, sentence starters and concentrating on the structure of the writing.

They will also begin to look at a narrative, where they will follow the structure of setting/character description, build up, problem, resolution and ending. This will focus on using adjective to get to deep description, creating tension using conjunctions and adding a cliff hanger.

Their writing will be linked to our book, The Secret Garden, giving the children the opportunity to delve deeper into the story itself. We will continue to follow the same structure within our writing lessons, ending each unit with an extended write.



Writing to entertain



Writing to inform



Writing to persuade



Writing to discuss

At home you can

- Practise spelling – given out every Friday, test is on Tuesday.
- Support with English homework also given on Friday to be handed in on Tuesday (Collins books and atom learning.)
- Write stories using video starters (link below)
- BBC Creative writing information (link below) in order to improve narrative and creative writing generally.

Useful websites



[Atom learning](#)



[dramatic clips](#)



[creative writing](#)

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reading

Keywords

comprehension
author
fiction
inference
retrieval

intonation
fluency
punctuation
tone
summarising

skimming and scanning
prediction
expression

In school we will be learning

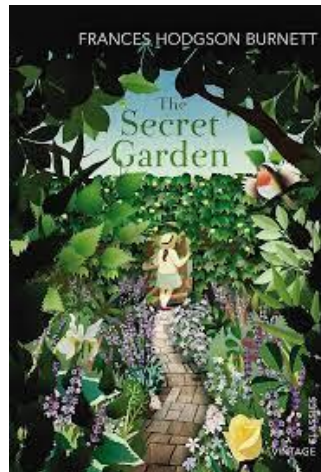
In year 5, we will be reading a new book called *The Secret Garden* by Frances Hodgson Burnett.

The pupils will revisit retrieval making sure they can pinpoint information they have read in a fiction text.

The children will also be revisiting inference and looking at the reasons why characters are feeling, thinking and acting in a certain way whilst also explaining their reasons for thinking that.

In guided reading, we will be continuing to work on reading aloud, paying particular attention to punctuation and knowing when to pause, using expression when reading and using intonation and the correct tone.

Year 5 will also be discussing in their classes, stories they have read and giving recommendations to each other about books they should read at home.



At home you can

- Listen to your child read at home 5 times per week and record in the reading record – please ensure this is signed by an adult.
- Ask your child to explain to you what they have read.
- Read their home enrichment book with them.
- BBC comprehension page that explains terminology and ways to improve reading.
- Heathfield book reviews - read a book and write a review – Padlet.

Useful websites



[free version of The Secret Garden](#)



[HF Book Reviews](#)



[BBC Comprehension](#)

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Maths

Keywords

factor - anything that contributes causally to a result

multiplied

product – is the result of a multiplication

multiplier – the number by which a multiplicand is

multiplicand – the number that is multiplied by the multiplier

remainder
divisor
quotient

In school we will be learning

The basis of learning this half term will be to make sure pupils are confident in using short and long multiplication.

This will start in the form of making sure pupils can multiply numbers up to 4-digits by a one-digit number (short multiplication). Video in useful websites.

$$\begin{array}{r} 213 \\ \times 3 \\ \hline 639 \\ 213 \times 3 = 639 \end{array}$$

When this is secure, we will move on to multiplying up to 4 digit numbers by two digit numbers (long multiplication).

$$\begin{array}{r} 98 \\ \times 54 \\ \hline 392 \\ 4900 \\ \hline 5292 \end{array}$$

← This is 98 x 4
← This is 98 x 50
← This is 98 x 54

For this to be successful it is really important that pupils have a good knowledge of times tables.

After this, we will move on to dividing up to 4-digit numbers by one-digit numbers with remainders. We will use the bus stop method.

$$186 \div 6 = \begin{array}{r} 031 \\ 6 \overline{) 186} \\ \underline{6} \\ 18 \\ \underline{18} \\ 0 \\ \underline{0} \\ 0 \end{array}$$

no groups of 6 can be made 3 x 6 = 18 1 x 6 = 6

Throughout all lessons pupils will have access to reasoning problems to test their knowledge.

We will then use these new methods to solve problems with measurements.

At home you can

- For the unit of multiplication and division being successful, pupils need to know times tables up to 12x12. To help Times Table Rockstars is a great resource to help learn and get quick recall of these. Link provided.
- Talk about the methods and practice. Discuss what was hard with these methods.
- Discuss times when times tables can be used in real life. Eg. 4 wheels per car, so how many wheels in the 123 cars? What if each wheel cost £65? Can they use formal methods to solve these?

Useful websites



[TTRS](#)



[how to multiply 4 by 1 digit](#)



[how to do long multiplication](#)

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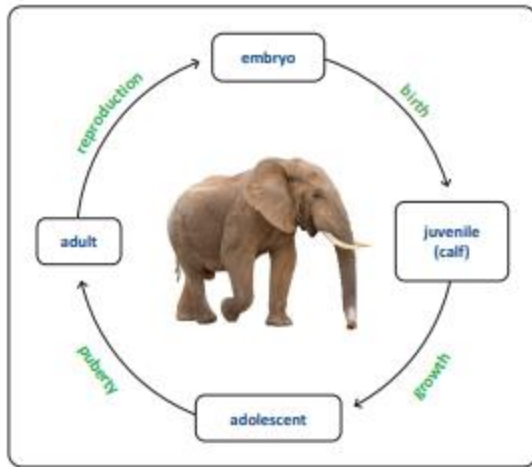
Keywords

life cycle
stage
process
mammal
mammalian

scatter graph

In school we will be learning

The module Human Reproduction and Ageing will go across the whole of the Spring term. In Spring 1, the children will revisit the life cycles of vertebrates and invertebrates and make comparisons in the stages and processes. They build on learning about mammals and mammalian characteristics from Year 4. They explore mammalian life cycles and look for patterns in the stages and processes. Children investigate the relationship between mammalian mass and gestation period, using research to find data and plotting and interpreting scatter graphs. They learn about the stages and processes of the human life cycle, drawing diagrams to show their understanding.



There are four stages and four processes to the mammalian life cycle.

At home you can

- Research the life cycle of a family pet and draw it out and label the stages and processes.
- Buy a butterfly growing kit and observe the life cycle in front of your very eyes.
- Go to a nature reserve such as Sandwell Valley and observe as many different species of mammal, amphibians, birds... as possible and make notes on what stage of life you think they are in. Use the internet to check if you are right.

Useful websites



What is a life cycle?



Life Cycle Games

Humanities Geography

Keywords

sow	composition	irrigation	six-figure grid
fertilisation	arable farming	livestock	reference
export	agriculture	ordnance survey map	
import	trade	landscape	producer
crops	cultivate	organic	consumer

In school we will be learning

Sow, Grow and Farm

In the Sow, Grow and Farm project, your child will learn about allotments in the United Kingdom and how the government encouraged people to have them to support food rationing during the Second World War.

They will learn about food webs and animal life cycles, including how living things are dependent on one another within a habitat.

They will investigate the different ways that plants reproduce and will dissect flowering plants to identify the different structures.

They will have the opportunity to learn about farming in the United Kingdom and the techniques used in modern farming, including the challenges that farmers face.

They will learn about the benefits of eating seasonally and about the pros and cons of importing food.

They will also learn about world farming and how the different climate zones affect where different foods can be grown.



At home you can

- Research the following terms and make an information poster about them: allotment, arable farming, floriculture, market garden, organic and pastoral farming.
- Use the BBC Food and Good Food website to find a recipe for a seasonal meal. Write a shopping list and then prepare the meal with an adult at home. Write a set of instructions for how to prepare the meal.
- Learn about flowering plant life cycles and how they reproduce, which parts are involved in reproduction – use information books and the internet. Record your findings as a scientific report using labelled diagrams and explanations.

Useful websites



food chains



food and farming UK

[Food seasonal calendar](#)
[Plant Facts](#)
[A Day In The Life Of A Farm](#)
[War Time Farming Stories](#)
[The British Library – Dig for Victory](#)

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computing

Keywords

vector	move	zoom	order	reuse
drawing tools	resize	select	copy	reflection
object	colour	align	paste	
toolbar	rotate	modify	group	
vector drawing	duplicate/copy	layers	ungroup	

In school we will be learning

In this half term, children start to create vector drawings. They learn how to use different drawing tools to help them create images. Children recognise that images in vector drawings are created using shapes and lines, and each individual element in the drawing is called an object. They will layer their objects and begin grouping and duplicating them to support the creation of more complex pieces of work.

Children will begin to identify the shapes that are used to make vector drawings. They will be able to explain that each element of a vector drawing is called an object. children will create their own vector drawing by moving, resizing, rotating, and changing the colours of a selection of objects. They also learn how to duplicate the objects to save time.



At home you can

- Download vector drawing apps and have a go at creating drawings. Examples of this apps can be Curve or Vector Ink
- Research and watch videos on how to create vector drawings
- Find the definitions of the keywords above

Useful websites



vector graphics editor



What are vector graphics?



art

Keywords

earthwork
freestanding
installation
relief sculpture
temporary

form
shape
line

In school we will be learning

In this art and design project, Nature's Art, children revisit the theme of nature and natural forms studied previously. They are introduced to the genre of land art and learn about the materials used by artists. Land art, or Earth art, is art that is made within the landscape. Land art is usually captured using photography because it is temporary and often made on a large scale.

They will work outdoors to sketch and photograph natural forms and explore the artistic potential of natural and seasonal materials. They work collaboratively to create art in the outdoors and record their work using photography. Children use their knowledge and experience to develop small scale gallery installations.



Spiral Jetty by Robert Smithson, 1970

Land art can be made from many materials. Some artists sculpt the Land. Other artists use natural materials, such as twigs and rocks, to make sculptures within the landscape. Some land artists bring materials inside from the outdoor to create installations in galleries and exhibition spaces.

At home you can

- Examine materials you can use for land art in the park or your garden.
- Gather natural materials and make your own [land art](#).
- Look at a [video](#) talking to a land artist.

Useful websites



Land Art Info



images of children's land art



interview with land artist

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Music

Keywords

gospel
notations
crotchet
quaver
minim

semibreve, and their corresponding
rests
pitch
tone

In school we will be learning

This half term, pupils will continue to learn about keyboards.

We will be playing along to 'Lean on me' a soul and gospel song.

Over the half term we will continue to develop technique sufficient to play a full octave on the keyboard. We will also read stave notation more fluently, including pitch and rhythmic values (crotchet, quaver, minim, semibreve, and their corresponding rests).

As well as playing the keyboards we will learn to sing the song "Lean on Me".

We also will play instrumental parts with the song from notation using up to 4 notes

– C, E F +G.

As well as being told what to play, we want pupils to improvise with claps and voice using notes F, G and A.

We will then move on to composing a simple melody using simple rhythms choosing from the notes F, G + A or D, E, F, G + A.



At home you can

- Listen to the song 'Lean On Me'. Link provided. Clap, tap and find the beat to the song. Sing along with the song.
- Explain where the notes are on a keyboard. Can you draw a diagram of a keyboard and label the notes?



Listen to other gospel songs and discuss the meaning of the songs.

Useful websites



Lean On Me by Bill Withers



Say Yes by Michelle Williams

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re

Keywords

attentive
silent
honesty
open
transcendent
sacred

sacred
Islam
Christianity

In school we will be learning

This term the children will be looking at the disposition of 'Being open, honest, and truthful' and 'Being silent'.

Being open, honest and truthful

The aim of this unit is to help the children explore why telling the truth is important and understanding people's reactions. They will learn this through the Islamic and Christian perspective. Looking at 'hadiths' as the words of the Prophet Muhammad received from Allah. The children will also learn how it is easy to judge others and not notice how we act ourselves.

Being silent

The aim of this unit is to help children explore why and how Humanist and Christians value time for reflection. They will look at how important decisions are made by Christians. The children will learn how some Christians like to spend time quietly with God meditating and reflecting. They will listen to stories from the Psalms where it inspires people to make good choices.

At home you can

- Ask children these questions what is it like when you are really quiet?
- How does Islam teach you to listen and see what's important?
- How does Christianity teach you to listen and see what's important?

Useful websites



RE Quizzes KS2



BBC Bitesize RE

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H

Keywords

communicate
friends
relationships
family
positive

internet
social media
content
consent
sharing

In school we will be learning

How can friends communicate safely?

This half term, we will be discussing with our class about the different types of relationships people have in their lives. We will discuss how friends and family communicate together and how the internet and social media can be used positively. There will be discussions surrounding how knowing someone online differs from knowing someone face-to-face as well as being able to recognise risk in relation to friendships and keeping safe online and offline. We will also be looking at the different types of content (including images) that is safe to share online. Discussing how ways of seeking and giving consent before images or personal information is shared with family and friends.



At home you can

- Talk to your child weekly about what was covered in their PSHE lesson.
- Make rules together about how to be safe with their friends online and offline.
- Discuss what makes them happy and sad in friendships and what they can do if they feel sad.

Useful websites



What are relationships?



relationships and community

PE

Keywords

symmetrical balances
asymmetrical balances
collaboration
Perseverance
confidence

resilience
buoyancy
submerge
Movement

In school we will be learning

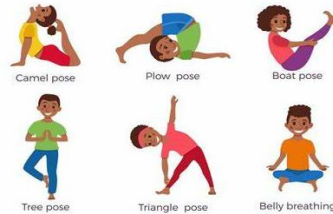
PE in 5R

This half term the children will be developing their Yoga skills to build on their knowledge, skills and understanding of various yoga activities.

They will focus on developing flexibility through the sun salutation flow.

They will work on developing strength in core and limbs, through various yoga flows/ stances.

They will also consider improving and developing their balancing skills.



PE in 5B

Children in both classes will be going to a swimming pool this half term to learn water safety and how to swim. The aim is that they can balance in the water, submerge into the water confidently, that they develop a swimming stroke that they can use to move in the water and can use to swim up to 25 metres independently.

At home you can

- Visit a swimming baths to help your child with their confidence in the water.
- Practise the Yoga poses at home to develop use of balance.
- Watch yoga videos for kids at home and join in as a family.
<https://youtu.be/ZHhk49hjjYY>



Useful websites



Yoga for Kids



Balancing poses for kids

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