

Heathfield PRIMARY SCHOOL



CURRICULUM BOOKLET

YEAR 5

SPRING 2

WRITING

KEYWORDS

narrative
fronted adverbials
conjunctive openers
paragraphs
figurative language

similes
personification
speech
speech marks
non-chronological

report
simple
compound
complex
technical language

IN SCHOOL WE WILL BE LEARNING

This term, the children will be continuing to write a narrative using or class reading book (The Secret Garden) as a base. Within the narrative, the children will be focusing on starting sentences using a range of different sentences starters including fronted adverbials, conjunctive openers and a range of adverbs. They will be working on paragraph structure and remembering to start a new paragraph when they are changing the topic in their writing.

The children will also be working on including figurative language in their writing to entertain and have a greater impact on the reader. This will also be supported by using complex sentences as well as similes and personification. In the narrative, children will also be using speech and learning how to present speech correctly in their writing.

Following a narrative, the children will be writing a non-chronological report. They will focus on using a range of sentence structure (simple, compound and complex) to inform the reader. In this write, the children will be continuing to focus on linking the different paragraphs. Technical and precise focus on language will also allow the non-chronological report influence on the reader.



Writing to entertain



Writing

to inform



Writing to persuade



Writing to discuss

AT HOME YOU CAN

- Practice spellings sent home on Friday- test on Wednesday
- Support children with atom prime and Collins books homework given on a Friday and handed in on a Wednesday.
- Practice using fronted adverbials and conjunctive openers.
- BBC Bitesize How to write a non-chronological report (link below) in order to support with structure and features of a non-chronological report.

USEFUL WEBSITES



[Writing a non-chronological report](#)



[Atom learning](#)



[Fronted adverbials](#)

HAPPY HARDWORKING COURAGEOUS KIND



READING

KEYWORDS

retrieval
inference
summarise
vocabulary
strategy

themes
context
index
clues
expression

pace
intonation

IN SCHOOL WE WILL BE LEARNING

This half term we will continue to use the book 'The Secret Garden' to answer questions. We will read part of this book at the start of every reading lesson.

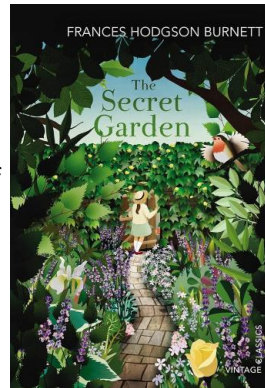
During the lessons, year 5 will focus on vocabulary. This will include reading words in which the pupils don't know the meaning. We will then think about the different strategies to understand these words. One of the main ways is to read around the word and find clues in the text.

Also, during the half term we will be looking at summarising, in which pupils will be reading a longer piece of writing and explaining what has happened. We will encourage pupils to explain the main points.

Towards the end of the half term, pupils will be using index pages and contents to retrieve information and answer questions about this.

Throughout the half term, pupils will be reading as part of the weeks lesson. We are asking pupils to read fluently, read words without sounding them out and read with expression.

We hope that year 5 continue the excellent progress and this has been helped by reading 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 website that explains how to understand new and difficult vocabulary.
- Heathfield Book Reviews - read a book and write a review – Padlet.

USEFUL WEBSITES



[The Secret Garden](#)



[Padlet](#)



[BBC vocabulary](#)

HAPPY HARDWORKING COURAGEOUS KIND



MATHS

KEYWORDS

Multiplication
Division
Mentally
Four operations
Addition

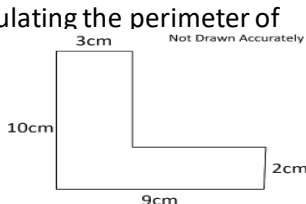
Subtraction
Word problems
Area
Perimeter
Conversion

Estimate
Cm/m squared
Rectilinear shape
Line graph
Fractions

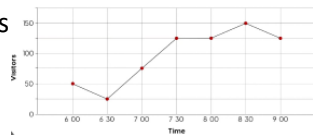
IN SCHOOL WE WILL BE LEARNING

In maths, this half term, the children will begin by using their multiplication and division knowledge to help them to solve questions mentally. Following on from this, the children will be using all the skills they have learnt regarding the four operations to answer multi-step problems that include addition, subtraction, multiplication and division.

After this, we will be looking at measuring and calculating the perimeter of composite rectilinear shapes in both cm and m. This will allow the children to use their multiplication skills for area and their conversion skills when the shapes are measured in both cm and m. The children will then progress to using cm² and m² and also using their estimation knowledge to estimate the areas of irregular shapes.



Moving further into the term, we will be learning to complete, read and interpret information from a table and line graph. The children will then use this skill to solve comparison, sum and difference problems



Nearing the end of the term, the children will begin a unit on fractions working on multiplying proper and mixed number fractions by whole numbers, this will be supported by concrete resources and diagrams.

AT HOME YOU CAN

- Support your children in being secure with times table knowledge up to 12x12 – TT Rock Stars is a great resource for this (link provided below). Your child's login is in their planner, if they do not have one, please ask them to tell their teachers.
- Talk about methods and ask them to teach you what they have been learning.
- Try to link to real life concepts.
- Watch the video links provided below to support with the start of multiplying fractions.

USEFUL WEBSITES



[TT Rockstars](#)



[Calculating area of a compound shape](#)



[Multiplying fractions with concrete resources](#)



[Multiplying fractions](#)

HAPPY HARDWORKING COURAGEOUS KIND



SCIENCE

KEYWORDS

life cycle
stage
process
male
life span

human
adolescent
adult
ageing
aggression

birth
deterioration
development
embryo
female

foetus
gestation
infant
juvenile

IN SCHOOL WE WILL BE LEARNING

The module Human Reproduction and Ageing will be concluded this term. The children will learn why personal hygiene is important during puberty and describe the changes that happen to humans as they develop from birth to old age. Then, they will examine growth charts of humans and answer questions based on the charts which will help them understand patterns in human growth such as males usually grow between 2 and 17 years old whereas females grow between 2 and 15 years old. Following this they ask a wide range of relevant scientific questions and research the answers in relation to human beings and that as we get older many of the body's systems gradually decline.



AT HOME YOU CAN

- Research the [life cycle of a human](#).
- Observe the differences between different members of your family who are different ages.
- Learn how a [balanced lifestyle](#) can help as you go through the different stages of life.

USEFUL WEBSITES



life cycle of a human



balanced lifestyle

HAPPY HARDWORKING COURAGEOUS KIND



HUMANITIES GEOGRAPHY

KEYWORDS

sow
fertilisation
export
import
crops

composition
arable farming
agriculture
trade
cultivate

irrigation
livestock
ordnance survey map
landscape
organic

six-figure grid
reference
producer
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](#)

HAPPY HARDWORKING COURAGEOUS KIND



COMPUTING

KEYWORDS

database
data
information
record
field

sort
order
group
search
value

criteria
graph
chart
axis
compare

filter
presentation

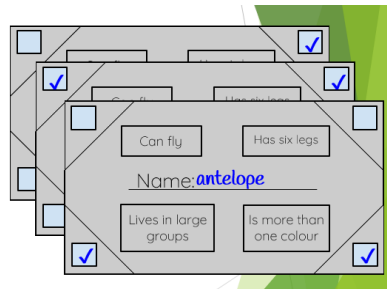
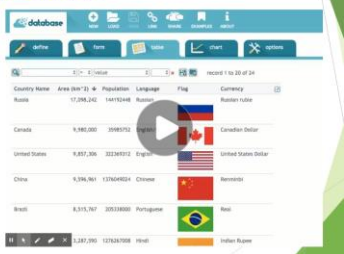
IN SCHOOL WE WILL BE LEARNING

Flat-file databases

This half term, we look at how a flat-file database can be used to organise data in records. The children will use tools within a database to order and answer questions about data. They will create graphs and charts from their data to help solve problems. Children will also use a real-life database to answer a question and present their work to others.

Earlier in the project, the children will create a paper version of a record card database. Using a card template, they will create a data set, with each learner creating eight to ten cards linked to a theme, e.g. animals. The children will complete records for each of the animals in their database and then they will physically sort the cards to answer questions about the data.

Searching the database



AT HOME YOU CAN

Create a Personal Database:

- Have the child create a simple flat-file database at home. It could be something like a collection of their favourite books, toys, or movies.
- Help them identify the fields for each record, such as title, author, genre, etc.

USEFUL WEBSITES



Oak National Academy databases



database facts for kids

HAPPY HARDWORKING COURAGEOUS KIND

H

D & T

KEYWORDS

balanced diet
carbon footprint
food hygiene
import
nutritional value

seasonality
dice
peel
sauté

IN SCHOOL WE WILL BE LEARNING

This project teaches children about the meaning and benefits of seasonal eating, including food preparation and cooking techniques.

This half term, the children will investigate what seasonal food is and explore and discuss the advantages of eating fruit and vegetables that are in season for producers, sellers and consumers. They will explore what fruit and vegetables are in season, in the UK now. With this information, they will be deciding, in small groups, what ingredients to use in a healthy, seasonal soup.

Using their knowledge of food and technology from year 4, each group will independently create a design criteria for their soup, paying careful attention to include aspects of taste, texture, look and availability of ingredients. Researching various soup recipes, each group will decide on their own soup recipe, select the appropriate utensils and ingredient quantities. They will then prepare and serve their soup, making sure it is appetising. The soups will then be critically evaluated by each member of the group.



AT HOME YOU CAN

- Let your child help you prepare food in the kitchen, using various food preparation techniques like cutting, grating, dicing, peeling, mashing, sauteing, boiling etc. Ask them what they already know about these techniques and how to use kitchen utensils safely.
- The first QR code is a concise guide to seasonal food in the UK.
- The second QR code is a guide for parents. You will find helpful ideas on how to get your children involved in the kitchen at all ages.
- Go through the keywords. Practise, saying them, spelling them and defining them

USEFUL WEBSITES



UK guide to seasonal food



cooking activities

HAPPY HARDWORKING COURAGEOUS KIND

H

MUSIC

KEYWORDS

Bon Jovi
rock
percussion
cymbals
tambourine

vocals
bass guitar
electric guitar
notations
crotchet

quaver
minim
semibreve
rests
pitch

tone
dynamics
tempo
texture

IN SCHOOL WE WILL BE LEARNING

This half term pupils will be learning, singing and playing along to the song "Livin' On A Prayer".

Pupils will identify the dynamics, tempo, and texture of the song. We will listen and appraise the song and think about other rock songs.

Year 5 will continue to play the keyboards building on their previous learning and playing skills. Pupils will play instrumental parts with the song from notation using the notes; G, A + B or D, E, F# + G.

When ready, pupils will compose a simple melody using simple rhythms choosing from the notes G, A + B or G, A, B, D + E (Pentatonic Scale)

For this, will explore what the pentatonic scale is.

Pentatonic scale: A fixed five-note pattern e.g: the five black keys on a piano.

Building on our knowledge of "Livin' On A Prayer". We will name a larger range of bands and singers of the rock genre and identify style indicators of rock. Over the course of the half term we will also touch on the history of rock.

Rock music came from rock'n'roll of America in the 1950s and 1960s. It is characterised by loud guitars and drums due to the heavy amplification, strong bass line and driving rhythms.



AT HOME YOU CAN

- What is Rock and Roll? Listen to a range of songs and identify the genre of each of these. There is a link that introduces what rock is and the features that make this type of music.
- Listen to "Livin' On A Prayer" by Bon Jovi. Can we play along at home using the skills taught in our music lessons? Pots and pans or even clapping can be used.
- As we are moving on to a new difficult skill in music lessons, the pentatonic scale. Can pupils talk about what it is and how to play it? There is a video that might remind the pupils about this.

USEFUL WEBSITES



[Information on Rock n' Roll for Kids](#)

[Bon Jovi - Livin' On A Prayer](#)



[Pentatonic Scales](#)

HAPPY HARDWORKING COURAGEOUS KIND



RE

KEYWORDS

Mitzvah Day
Tikkun Olam
Gemilut Chasadim
Tzedek
initiative

Rastafarian
modesty
humility
disciples
Last Supper

salvation
eternity

IN SCHOOL WE WILL BE LEARNING

This term the children will be looking at the dispositions: 'participating and willing to lead' and 'being modest and listening to others'.

Participating and Willing to Lead

This unit aims to help the children understand the importance of taking part in an activity, why leaders are needed and how people can help to make the world a better place. They will learn in depth about Mitzvah Day, an initiative set up by the Jewish community to help bring different faiths, ages, professions together to work side by side. The children will discuss how this is useful and the reasons for setting up this initiative. The children will also look at how believers of different faiths participate in Birmingham, the UK and the world. They will learn this through the Christian and Rastafarian faith and discuss their leadership styles.

Being Modest and Listening to Others

This unit aims to help the children explore the concept of modesty through the different faiths. They will learn about the importance of humility through the story of Jesus washing his disciple's feet at the Last Supper. The children will also look at how listening is important. They will explore how Jesus (Isa) is a prophet for both Christians and Muslims and discuss what the Bible says about Jesus and what the Muslims believe Allah said about Isa in the Quran.

AT HOME YOU CAN

- Think about something that is happening in the world today. Could you change it? Would you need a group of friends to help you? Write down your ideas and share them with your family.
- Join a local club
- Do a local clean up initiative.
- Visit a local church or mosque and compare the similarities between both religions.

USEFUL WEBSITES



Mitzvah Day



The Last Supper

HAPPY HARDWORKING COURAGEOUS KIND



PSHE

KEYWORDS

puberty
change
emotions
feelings
bodies

hygiene
advice
support
personal hygiene

IN SCHOOL WE WILL BE LEARNING

How will we grow and change?

This half term, the children will be learning about how their body grows and changes.

They will be learning about puberty and how bodies change during puberty. They will also learn about how puberty can affect emotions and feelings. They will discuss how personal hygiene routines change during puberty. Finally, they will learn how to ask for advice and support about growing and change in puberty.



AT HOME YOU CAN

- Discuss with them about what they are learning in school after every lesson and ask if they have any questions they want to ask.
- Talk to them about how their bodies will change during puberty and talk to them about the importance of personal hygiene.

USEFUL WEBSITES



life-cycle of a human

HAPPY HARDWORKING COURAGEOUS KIND

H

PE

KEYWORDS

symmetrical balances
asymmetrical balances
rotation jumps
rolls
cartwheel

bridge
shoulder stand
collaboration
perseverance
resilience

buoyancy
submerge
movement
confidence
problem solving

IN SCHOOL WE WILL BE LEARNING

PE in 5C

In this gymnastics unit, pupils develop balancing, rolling, jumping and inverted movements. They explore partner relationships such as canon and synchronisation and matching and mirroring. Pupils are given opportunities to receive and provide feedback in order to make improvements on their performances. In gymnastics as a whole, pupils develop performance skills considering the quality and control of their actions.



PE in 5B

Pupils develop a skill set that is transferrable to OAA (outdoor adventurous activities). Pupils work individually, collaboratively in pairs and groups to solve problems and are encouraged to be inclusive of others, share ideas to create strategies and plans to produce the best solution to a challenge. Pupils are also given the opportunity to lead groups and utilise negotiation skills. Pupils develop map reading skills including the use of cardinal points, scale and direction to create, plan and follow routes around a course.



AT HOME YOU CAN

- Visit a swimming baths to help your child with their confidence in the water.
- Create a map of your garden or a space within your home. Remember to include a key to show what they symbols in your maps mean.
- Do 10 squats, push ups and sit ups to help build muscle strength.



USEFUL WEBSITES



how to make a map with a key



guide to squats

HAPPY HARDWORKING COURAGEOUS KIND

