

Heathfield PRIMARY SCHOOL



CURRICULUM BOOKLET

YEAR 5

SUMMER 1

WRITING

KEYWORDS

persuasive
speech
Power of three
diary
perspective

First person
Emotive language
tense
Present tense
Future tense

Narrative
Figurative language
metaphors
personification
imagery

IN SCHOOL WE WILL BE LEARNING

This term in writing, the children will start the term by continuing with their unit on persuasive writing. They will write a persuasive speech which is one sided and based on a topic that is relevant or current to them such as the positives of using digital learning in class. Within this piece of writing, children will be using a range of different skills, some of which they have used previously such as rhetorical questions, emotive language, adverbials of cohesion and subordinating conjunctions. Additional to this, they will also learn a range of new skills such as the power of three and using past tense and future tense for effect.



Following on from this unit, children will build on their previous knowledge on diary writing. Using the class text Street Child, children will write a diary entry from the perspective of Jim Jarvis, an orphaned boy living in Victorian London, who encounters many trials and tribulations. Within this unit, pupils will learn to develop on their previous skill of varying tense.

Finally, children will end the half term with narrative writing where they will focus on the importance of using figurative language. They will use the skill of personification for description. Personification is the skill of giving human qualities to something that is not human. The purpose and impact of using personification in narrative writing is to help create a vivid image within the reader's mind.

AT HOME YOU CAN

- Support children with atom prime learning and Collins books homework given on Fridays and handed in the following Friday.
- Practice writing and performing a speech at home.
- Practice sentence types.
- When reading or looking at different text types, talk about what the author has done to have an effect on the reader.

USEFUL WEBSITES



[Sentence types](#)



[What is Personification? ► English Grammar & Writing Skills | Learn English - YouTube](#)



[Atom Learning](#)

HAPPY HARDWORKING COURAGEOUS KIND

H

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 be starting our new book 'Street Child'. We will be reading this in every reading lesson and using this as inspiration and context for our focus reading activities.

Because it is a new book to year 5, we will be thinking about the new vocabulary and why the author has used these words, considering the impact to the reader. We will also be comparing the themes of this new book to previous stories we have read.



We will revisit retrieval skills, making sure pupils can read a text and pick out or remember important details about the text. Even if the question is asking in a way that uses different vocabulary.

Because of the range of heartwarming emotions used by the author of our book it lends itself to inference questions. We will be asking a lot of inference questions about the book and with these students will not be able to find the answers in the text but must use clues to answer questions.

We have seen great progress in reading fluency last term so we are continuing to work hard on reading out loud continuing to ask pupils to read fluently, read words without sounding them out and read with expression.

AT HOME YOU CAN

- We are continuing to encourage as much reading at home as we can. To help with this, below you will find a reading list of a range of books that pupils could find in the library, online or in book shops (if able).
- As we are starting our new text Street Child, below you will find a link to an online version of the book. You can ask retrieval or inference questions based on parts of the book.
- Get your child to write a book review or recommendation of a book they have read.
- Read books from a particular author and analyse the key concepts, themes and ideas within these books.

USEFUL WEBSITES



[Recommended reading list](#)



<https://online.fliphtml5.com/alxio/qarr/#p=115>



[Making inferences](#)

HAPPY HARDWORKING COURAGEOUS KIND

H

MATHS

KEYWORDS

addition
subtraction
angles
right angle
acute

obtuse
degrees
polygons
2D, 3D
cube

fractions
decimals
percentages
denominator
numerator

IN SCHOOL WE WILL BE LEARNING

We will continue our work in fractions for that start of the half term, we have compared and ordered fractions well and will build on this by adding and subtracting fractions with the different denominators but have multiples of the same number.

Once completed, we will move on to identifying, comparing, estimating and measuring angles up to 180 degrees. We will draw and calculate angles, including those on a straight line, around a point and half turns. Answering a range of questions around these.

After we know all about angles, we will learn about regular and irregular polygons and distinguish between these. Moving on from this we will learn about identifying 3D shapes from 2D representations.

When ready we will revisit fractions and multiply proper fractions and mixed numbers by whole numbers, to help with this we will have access to materials and diagrams

To finish the half terms math's, hopefully we will have time to read and write decimal numbers as fractions.

For example $0.71 = \frac{71}{100}$

We want pupils to recognise percentage symbol as well as write percentages as a fraction with denominator 100, and as a decimal fraction.



AT HOME YOU CAN

- We have found that times table knowledge is so important to all aspects of math's. Please support your children in being secure with times table knowledge up to 12×12 – 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.
- I have included a link to game that will help pupils learn the connection between fractions, decimals and percentages.
- I have included a link to a website that builds on what we have done in class, estimating angles in a circle.

USEFUL WEBSITES



[Times Tables Rock Stars](#)



[Fruit Splat](#)



[Estimating Angles](#)

HAPPY HARDWORKING COURAGEOUS KIND



SCIENCE

KEYWORDS

contact
non-contact
force
gravity
mass

weight
force meter
plan
comparative
air resistance

water resistance

IN SCHOOL WE WILL BE LEARNING

Forces and Mechanisms

In this science project, children revisit learning about contact and non-contact forces. They learn that gravity is a non-contact force of attraction and follow instructions to observe gravity firsthand. They learn the meanings of the terms 'mass' and 'weight' and their units of measurement, following instructions to record the mass and weight of various everyday objects using a force meter.

Children recap their knowledge of friction from lower KS2, identifying situations where it can be helpful or where we need to minimise its effects and then plan and carry out comparative tests to investigate friction on different surfaces. They learn about the new frictional forces, including air and water resistance, conducting investigations to observe these frictional forces first hand. When investigating air resistance, they make and launch parachutes, observing their descent before making notes and drawing labelled diagrams to record what they have observed. They conduct a comparative test to identify how to reduce water resistance to speed up plasticine shapes falling through water.



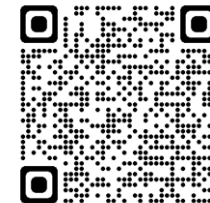
AT HOME YOU CAN

- Learn about [friction and air / water resistance](#).
- Learn about [mechanisms](#).
- Experiment and make a parachute of your [own](#).

USEFUL WEBSITES



friction and air / water resistance



mechanisms



parachute

HAPPY HARDWORKING COURAGEOUS KIND



HUMANITIES HISTORY

KEYWORDS

Victorians
Monarchy
Queen
Change

Impact
Continuity
Independence
Slave trade

Differences
Compare
Contrast
Enquiry

Divide
separation

IN SCHOOL WE WILL BE LEARNING

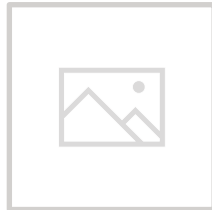
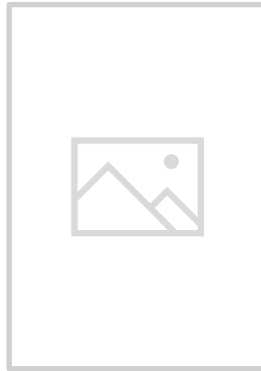
Year 5 will be learning all about the Victorians era in Britain. They will explore and build on their previous knowledge of the Roman empire and its lasting impact on Britain.

They will also consider how the industrial revolution effected the way people lived, worked and lived through their daily lives. They will also compare and contrast various aspects of life during this time.

Using their enquiry skills the children will also consider the impact of the slave trade on Britain and how it was embodied within the Victorian period of Britain.

Within the topic they will also consider the impact of separation from India and the effects of freedom/ independence of certain countries.

The children will use various historical disciplinary skills during the topic including: using sources of evidence, identifying the similarities and differences between various people and events, continuity and change within this period of Britain's history.



AT HOME YOU CAN

- Create a portrait of Queen Victoria
- Write a newspaper article about the impact of the slave trade on Britain
- Create a timeline of key events that happened in Victorian Britain linked to invention and progress.
- Make an information poster all about the

USEFUL WEBSITES



[15 Victorian facts for kids - National Geographic Kids](#)



[Who were the Victorians? - BBC Bitesize](#)

HAPPY HARDWORKING COURAGEOUS KIND



COMPUTING

KEYWORDS

USB	component	LED	input
components	motor	connect	output
connection,	repetition	battery box	selection
infinite loop	loop	program	action
output	switch	condition	debug

IN SCHOOL WE WILL BE LEARNING

Selection in physical computing – Micro:Bit

In this unit, children will be introduced to Micro:Bit and how to connect them to iPads, experimenting with different output on the LED screen and how to send programs over from iPads. The children will be introduced to conditions, and how they can be used in programs to control their flow. They will identify conditions in statements, stating if they are true or false.

The children will explore the different sensors on the Micro:Bit and how they can be used practically. They will be able to talk about how each sensor can be used in the real world and what they would need to make it work. Accelerometer, thermometer, light sensor, compass. The children will begin to design a model to use with their Micro:Bit, where they are using the sensors within the Micro:Bit. The children will design something that will work with their Micro:Bit to display an output, using a sensor, loop function, true/false altogether to create a model, along with code. They will test and debug their code, peer reviewing each other's work and giving feedback.



AT HOME YOU CAN

Exploring Micro:Bit Projects Online:

- Explore online resources and tutorials together to discover the possibilities of Micro:Bit projects. You can watch videos of other children coding and building projects with Micro:Bit to get inspired and excited about what they can create.

Creative Design Activities:

- Encourage your child to engage in creative design activities that involve planning and building with materials like LEGO bricks, cardboard, or craft supplies. This will help them develop their spatial reasoning and design thinking skills, which are important for working with Micro:Bit.

USEFUL WEBSITES



microbit.org



[What is it?](#)

HAPPY HARDWORKING COURAGEOUS KIND

H

DT

KEYWORDS

evaluate
Frame/framework
stiffen
strengthen
reinforce

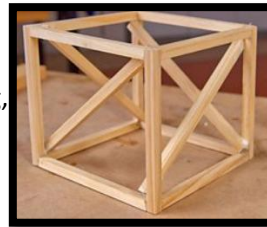
stability
triangulation
Testing
corrugating
laminating

precision
Butt join
Mitre join
Brackets
Design specification

IN SCHOOL WE WILL BE LEARNING

This term, the children will be learning how strong structures are designed, refined, and evaluated. They will be researching different design ideas and will be comparing the work of designers to understand what makes a structure successful. Also, they will be using this research to help them think like real designers and will be presenting their findings in a format of their choice.

In addition, children will be exploring different ways to strengthen materials. They will be experimenting with folding, rolling, and shaping paper and card into strong 3-D forms. They will be testing each method to see how strong it is and will be deciding where supports should be placed to make a structure stable.



The children will be investigating how to stiffen cardboard. They will be experimenting with different roof shapes, will be trying laminating layers, and will be exploring corrugation. They will be testing each technique to see which creates the strongest effect and will be discussing why some methods work better than others.

As their skills develop, the children will be learning how to reinforce structures using techniques such as triangulation. They will be identifying where a structure needs extra support, will be explaining how triangulation works, and will be applying it to strengthen their own models. They will be testing the effectiveness of their improvements and will be refining their designs based on what they discover. Overall, the children will be building a strong understanding of how structures are designed, strengthened, and reinforced through hands-on, practical activities.

AT HOME YOU CAN

- Ask your child to build the tallest tower they can using only paper and tape.
- Build a small bridge between two stacks of books. Try different techniques like **corrugation, laminating, or triangulation.**
- Design a mini house or room
- Make a strong bridge. Try different techniques like corrugation, laminating, or triangulation.
- Research a famous designer or architect

USEFUL WEBSITES



[All About Strong and Stable Structures Technology - BBC Bitesize](#)



[Structures - Year 5 Design and Technology - BBC Bitesize](#)

HAPPY HARDWORKING COURAGEOUS KIND

A logo consisting of a blue letter 'H' inside a white circle with a green border.

MUSIC

KEYWORDS

Luther Vandross
Lionel Ritchie
Bob Dylan
Tony Bennett
Bruno Mars

Gladys Knight
Stevie Wonder
Dionne Warwick
Elton John
Randy Newman

Stevie Wonder
pop
ballad
Pete Readman

IN SCHOOL WE WILL BE LEARNING

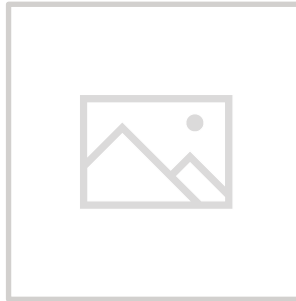
During this half term we will be asking year 5 to listen to the song "Make You Feel My Love". We will be identifying the dynamics, tempo, and texture of the song and looking at the structure.

Hopefully pupils will sing in unison to the song.

With the keyboards we will be asking pupils to play instrumental parts with the song by ear or from notation using the 3 notes – C, D + E.

We will do some improvising with claps and voice using notes C, D and E
Once we can play along with the song and know it well year 5 will compose a simple melody using simple rhythms choosing from the notes C, D, E, F & G

Throughout the half term we will be asking students to describe what the style of music "pop ballad" is. With this we want pupils to name a larger range of bands and singers of the pop ballad genre. As well as this pupils should be able to identify style indicators of pop ballads. Including being able to identify the difference between pop ballads and pop songs.



AT HOME YOU CAN

- I have included a link to an online lesson that includes information on basic notation that builds on what we have been doing in music lessons.
- As year 5 will singing and playing along with Adele's song Make you feel my love, I have included a link to the song so pupils can either pre-learn the song or demonstrate how they have played along with this.
- I have included a great video which demonstrates how anyone can compose music, it goes through techniques.

USEFUL WEBSITES



[Basic notation](#)



[Adele - Make You Feel My Love](#)



[Composing a piece of music using unpitched percussion](#)

HAPPY HARDWORKING COURAGEOUS KIND

H

RE

KEYWORDS

temperate
self-disciplined
contentment
Humanism
Baha’l

Jains
Buddhist
actions
responsibility
Jewish

accountable
integrity
belief

IN SCHOOL WE WILL BE LEARNING

This half term we will be looking at the dispositions of ‘Being Temperate, Self-Disciplined and Seeking Contentment’ as well as ‘Being Accountable and Living with Integrity’.

Being Temperate, Self-Disciplined and Seeking Contentment

We talk about who we allow to shape our behaviour and find out about Humanism and how that shapes their behaviour. Then, we look at the teachings Christians and Baha’ls follow in order to be more self-disciplined. These teaching are ‘turning the other cheek’ and ‘Jesus’ reaction to injustice’. Finally, we discuss the practices and teachings of Jains and Buddhists use to become more content such as the practice of meditation. In addition, we talk about behaviour which helps us accept personal responsibility for our actions and how to restrain from criticism of others.

Being Accountable and Living with Integrity

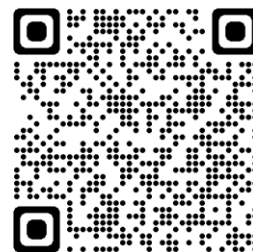
In class, we will discuss who can depend on them and How that links to Humanist teachings. Then, we look at Jewish teachings in regard to living out beliefs and Being responsible for their actions. Then, we learn about how Christians teach about living out beliefs. The following will be looked at in this disposition: story of Jesus and the woman, Robert Ingersoll – making others happy, treating cows as sacred and the story of Qarun.



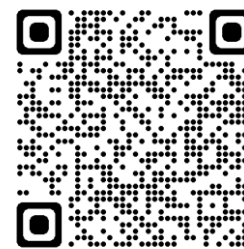
AT HOME YOU CAN

- Talk to your child about how the religion you follow shapes your behaviour and how it creates self-discipline and your approach to justice.
- Talk to your child about how your religion teaches being responsible for your own actions.
- Learn about [Humanism](#).
- Learn about [Christianity](#).
- Learn about [Baha’l](#) religion.

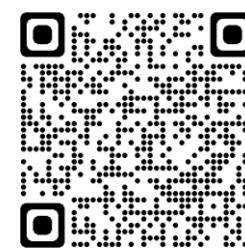
USEFUL WEBSITES



Humanism



Christianity



Baha’l

HAPPY HARDWORKING COURAGEOUS KIND



PSHE

KEYWORDS

drug
medicine
smoking
vaping
caffeine

addictive
habit
Peer pressure
harmful
wellbeing

IN SCHOOL WE WILL BE LEARNING

This half term in PSHE, Year 5 will be answering the question: How can drugs common to everyday life affect health?

The children will be learning about legal drugs(including smoking/vaping, caffeine, alcohol and medicines) that are common in our everyday lives. They will be considering how these can affect a person's health and wellbeing.

They will be looking at some of the laws that exist to protect people from incorrect use of these drugs.

They will be considering why these drugs can be dangerous and habit forming and why we need to be aware of these dangers.

They will be looking at scenarios about peer pressure and situations relating to drugs and discussing what they can do and who they can go to if they are concerned or need help.



AT HOME YOU CAN

- Talk to your child about medicines and why it is important to stay away from them unless supervised by an adult.
- Talk about certain ingredients, like caffeine that are safe to consume but only at a certain age and in moderation. How can having too much negatively impact a person's health?
- Watch the videos, through the QR code links and encourage your child to talk openly and ask questions. If you are unsure of some of the answers, encourage your child to ask their teacher.

USEFUL WEBSITES



[What are medicines and drugs - BBC](#)



[Peer pressure](#)

HAPPY HARDWORKING COURAGEOUS KIND

H

PE

KEYWORDS

Serve
Racket
Ball
Pivot

Net
Pass
Receive
Swing

Position
Love

IN SCHOOL WE WILL BE LEARNING

5R and 5M: Tennis

In Year 5, pupils learn the basic skills needed to play tennis, including how to hold a racket correctly, hit a forehand and backhand, and move into the right position on the court.

They also practise simple rallies with a partner, learning to control the ball and keep it in play.

As their confidence grows, children begin to understand rules such as serving, scoring, and taking turns.

Through fun games and activities, they develop coordination, teamwork, and resilience while enjoying a popular and active sport.



AT HOME YOU CAN

- Learn about and create a poster about how to play Tennis –Rules for the game.
- Create a piece of artwork with equipment from Tennis and a human form using the genre of surrealism.
- Practise playing at home against the ball or with family/ friends.
- Practise balancing and bouncing the ball on a racket.

USEFUL WEBSITES



[How to start playing tennis | Beginner's tips & guidance | LTA](#)



<https://youtu.be/KCaxZalZYs8>

HAPPY HARDWORKING COURAGEOUS KIND

