

Heathfield PRIMARY SCHOOL



Curriculum booklet

Year 5

Summer 2

writing

Keywords

narrative
suspense
effect
speech
personification

one sided argument
viewpoint
opinion
sentence structure
complex

diary
perspective
metaphor
punctuation
subordinate conjunction

In school we will be learning

This half term, the children will begin by writing a narrative. Within this, they will be using writing techniques to create suspense. When writing their narrative, the children will be using a range of long and short sentences in order to create effect and have an impact on the reader, this will also allow children to work on using a variety of sentence lengths. Children will be working on and revising skills we have learnt throughout the year and will be putting expanded noun phrases, personification, speech and metaphors into their suspense narrative.

Following on from a narrative, we will be writing a one-sided argument. Children will have to use persuasive language in order to get their point and opinion across when arguing for their side. They will do this by writing complex sentences which have to include a subordinating conjunction. Children will be working on generating a range of words from precision in order to allow them to actively get their points across to the reader.

Finally, we will end the year with a diary entry based on our class book, "Who Let the Gods Out", where the children will be writing as if they are one of the main characters. Within this write, children will be using a variety of sentence types and adverbials, writing in a constant secure verb tense and using strategies for description such as expanded noun phrases, personification and metaphors to have an impact on the reader.



to showcase their skills.

At home you can

In year 5, we have a big focus on fronted adverbials. To help practise these, we have included a link to an online lesson that teaches these skills.

To help story writing, the use of writing prompts that give ideas can be a useful way of thinking about ideas to write about. There is a link that gives a range of writing prompts for all interests and likes. Some of the discussion questions are great!

To help with the Year 5 spellings, these are given out weekly, the BBC spelling website could be very useful in helping pupils learn these more difficult spellings.

Useful websites



[To explore the functions of fronted adverbials](#)



[Writing Prompts](#)



[Spelling](#)

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reading

Keywords

retrieval
inference
summarise
vocabulary
strategy

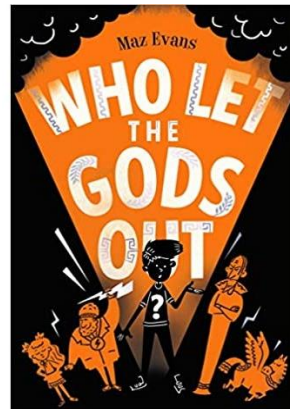
themes
context
index
clues
expression

pace
intonation
author
comparison

In school we will be learning

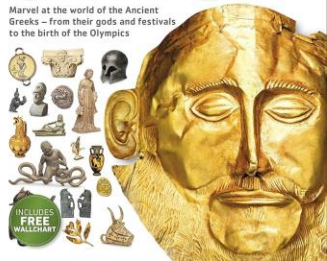
During the start of this half term, we will continue to use the text, "Who Let the Gods Out?" By Maz Evans In our lessons. This will include reading a section of the book and tailoring questions that fit in with the sections we have read.

As we have covered a lot of skills this year, we will be ensuring all pupils have a good grasp of basic principles, this includes revision of retrieval and inference skills.



DK EYEWITNESS ANCIENT GREECE

Marvel at the world of the Ancient Greeks – from their gods and festivals to the birth of the Olympics



As well as going over these skills again, Year 5 will be comparing texts, this includes themes within the text and themes from different texts.

We will also be looking at predictions and summarisation.

We will be reading the information book Ancient Greece – Eyewitness. This links to our topic of Ancient Greece well and builds on the knowledge already learnt.

At home you can

It can be a problem to get Year 5 pupils to read at home. Sometimes the reason for this is not reading the right books. There is a link below that gives a great list of fun, comical and engaging books for ten year olds.

As we know, reading for pleasure is a benefit to children's learning and helps them develop in all areas of learning. To aid this, we have included an online lesson that is trying to develop reading for pleasure.

Pupils could develop their reading skills and presenting skills and make their own YouTube type video talking about their favourite book. We do not recommend actually putting this on YouTube for age and safety reasons.

Useful websites



[Books For 10
Year Olds](#)



[To develop reading for
pleasure through discussion
of favourite characters](#)



[Book Review The 13-
Storey Treehouse](#)

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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

During this last half term of Year 5, we will be revisiting fractions and revising adding, subtracting, multiplying and dividing them.

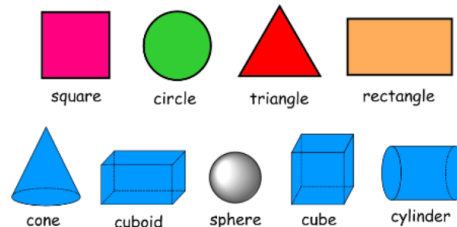
We will also be looking into the relationship between fractions, decimals and percentages and building on what we have already done to solve problems in this field.

For the first time, we will be looking at numbers with up to three decimal points and ordering, comparing and solving problems around these.

If we have time, we will be looking at tables and charts and interpreting these. Following from this we will be investigating a range of shapes, including 2D and 3D shapes.

Because it will be the end of the school year, we will be solving a range of problems and revisit a range of problems, making sure the pupils are ready for Year 6.

Times tables and quick maths facts will be used in all our topics and lessons and it is really important pupils have a quick recall of facts and times tables.



At home you can

As mentioned, all pupils need a good grasp of facts and times tables. For this, hit the button and times table rock stars can be very useful.

In order for pupils to have a better knowledge of 2D and 3D shapes, We have included a link to a website that teaches this well. Can you find any of these shapes in other contexts? Discuss and use the correct language.

As it is the end of year and we will be revisiting the year's past learning I have included a Year 5 maths quiz from the Beano.

To help revise angles, there is a BBC website to help the teaching of this.

Useful websites



[2D And 3D Shapes](#)



[Year 5 Maths Quiz!](#)



[Different types of angles](#)

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science

Keywords

burning
chemical change
chemical reaction
condensation
condense
cooking

evaporation
filter
filtering
filtration
freeze
freezing

decaying
dissolve
dissolving
evaporate

In school we will be learning

Properties and Changes of Materials

In the Properties and Changes of Materials project, your child will revisit prior learning about the properties of materials. They will plan and carry out tests to determine the properties of a range of materials. They will use their results to suggest suitable materials for different purposes. They will learn about the property of thermal conductivity and identify materials that are thermal conductors and insulators. They will also learn about the property of solubility and test various materials to discover which are soluble and insoluble. They will find out about heterogeneous and homogeneous mixtures and will separate heterogeneous mixtures using sieving and filtration. They will also separate homogeneous mixtures, investigating how to reverse dissolving by evaporation. They will ask scientific questions about separating unusual mixtures and research to find out the answers. They will learn the difference between reversible and irreversible changes and follow instructions to observe the signs of an irreversible change firsthand. They will complete their learning by finding out about materials, scientists and their innovative materials.



At home you can

Material Hunt:

Go on a scavenger hunt around the house to find objects made from different materials e.g. metal, plastic, wood, glass. Discuss the properties of each material, such as hardness, flexibility, transparency and strength.

Solubility Tests:

Test the solubility of different substances (e.g., salt, sugar, flour, sand) in water. Have your child predict which substances will dissolve and then test their predictions by stirring each substance in a glass of water.

Useful websites



BBC bitesize



Properties and
changes of
materials

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Humanities

Keywords

ancient
Athens
hierarchy
Acropolis
philosophers

monarchy
rulers
Emperors
bust
pottery

Olympiads
Olympus
gods
goddess
Parthenon

Democracy
state
senate
Mycenaean

In school we will be learning

Year 5 will continue learning all about the ancient Greeks through the topic called 'Groundbreaking Greeks'.

The children will learn about developments and changes over 4 periods of ancient Greek history, focusing on the city state of Athens in the Classical age and exploring the lasting-legacy of ancient Greece.

Historical skills that will be used and revised will include; chronological understanding, making comparisons between the ages, identifying the significance of key leaders and exploring this time period through studying artefacts and other secondary sources.

They will learn about the differences in roles of men and women and study the social hierarchy of this time. They will learn about some of the great philosophers, leaders and significant people who left their mark on Greece and the world.



At home you can

- To make a model of an artefact from the ancient Greek times – e.g. vase.
- To create a fact file all about a variety of ancient Greek artefacts.
- To research about the famous Greek God Zeus and create an information poster.
- Create a timeline about some significant events from the ancient Greek period.
- To draw and label a map of the world to show ancient Greek invasion and settlements.
- Write a description about what ancient Greece was like compared to modern day Greece today.

Useful websites



[Ancient Greece - KS2 History - BBC Bitesize](#)



[Facts about Ancient Greece for kids | National Geographic Kids \(natgeokids.com\)](#)

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computing

Keywords

selection,
condition,
true,
false,
count-controlled loop,
outcomes,

conditional statement,
algorithm,
program,
debug,
question,
answer,

task,
design,
input,
implement,
test, run, setup,
operator

In school we will be learning

Selection in quizzes

The children will develop their knowledge of 'selection' by revisiting how 'conditions' can be used in programming and then learning how the 'if... then... else...' structure can be used to select different outcomes depending on whether a condition is 'true' or 'false'. They represent this understanding in algorithms and then by constructing programs in the Scratch programming environment. The children will learn how to write programs that ask questions and use selection to control the outcomes based on the answers given. They use this knowledge to design a quiz in response to a given task and implement it as a program. To conclude the unit, learners evaluate their program by identifying how it meets the requirements of the task, the ways they have improved it and further ways it could be improved.

At the beginning of the unit, the children will revisit the need to use repetition in selection to ensure that conditions are repeatedly checked. They will identify the two outcomes in given programs and how the condition informs which outcome will be selected. The children will use this knowledge to write their own programs that use selection with two outcomes.

QUIZ TIME

At home you can

Daily Decision Making:

Discuss everyday scenarios where decisions depend on conditions. For example, if it's raining, then use an umbrella; else, go without. Relate these scenarios to the 'if... then... else...' structure.

Design the Quiz:

Help your child design a quiz by brainstorming questions and possible answers. Discuss what happens if a condition is true (correct answer) or false (incorrect answer).

Useful websites



scratchJr



ScratchJr
Tutorials -
click on
'Tutorials' ta
b at the top
of the
webpage

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D & T

Keywords

architecture
column
Computer aided design
cornice
Doric column

entablature
fluting
frieze
Post and lintel
pediment

stability
stiffness
Support
Ionic column

In school we will be learning

This project teaches children about how architectural style and technology has developed over time and then use this knowledge to design a building with specific features.

They will be looking specifically at Greek architecture and which features were popular in ancient Greece.

Year 5 children will have the opportunity to use CAD (computer aided design) in their design process, using the Sketchup app.

Building on the knowledge they have learnt in previous years, the children will discuss how to ensure structures are strong, stiff/rigid and stable.



DORIC



IONIC



CORINTHIAN

In Year 5, the children will be encouraged to create their own design criteria which will guide the design and making process. They will be using their communication skills to critically evaluate their own and others' work and will discuss how this can help them improve their creation.

At home you can

- Look at various structures around your home and talk about:
Strong Shapes: Explain how certain shapes, like triangles and arches, make structures stronger.
Materials: Talk about different materials used in construction, such as stone, wood, and metal, and why some are stronger than others.
- Make columns using paper towel rolls and decorate them like Doric, Ionic, or Corinthian columns.

Useful websites



Testing
strength
of paper
columns



Using
columns to
strengthen

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Music

Keywords

Turntables,
Pulse,
Rhythm,
Rap,
Pitch,

improvise,
compose,
melody,
Bass,
Guitar,

Drums,
Decks,
Will Smith,
MC Hammer,
RUN DMC

In school we will be learning

This half term, Year 5 will be learning about Hip Hop. To do this we will be using the Fresh Prince of Bel Air song by Will Smith.



We want pupils to be able to describe what the style of music “Hip Hop” is and to name bands and singers of the Hip Hop genre. Hopefully, Year 5 pupils will be able to identify a style indicator of Hip Hop and understand the history of hip hop. Pupils will learn how important turntables are in Hip Hop. Typically 2 are used by DJs to manipulate sounds and create new music, sound effects, mixes and other creative sounds and beats Rapping: A vocal technique in which the performer speaks rhythmically against a steady beat.

In lessons, we want pupils to identify the dynamics, tempo, and texture of the song and to identify the instruments they can hear in the song.

We will also sing the song “Fresh Prince of Bel Air”. We will ask pupils to sing or rap in unison. After this, we will play keyboards to instrumental parts with the song by ear or from notation using the 3 notes – C D G and A. When we have developed at this we will compose a simple melody using simple rhythms choosing from the notes D, E + F or D, E, F, G + A.

At home you can

To prepare or to remind pupils of our song at school I have included a link that you can play at home. Pupils can sing along or just identify the instruments.

To help pupils learn more about Hip Hop we have a quick video that explains the history of hip hop and how it started in 1970s New York.

To remind pupils and learn a bit more about classical music, we have included a rap battle that from Horrible Histories that give lots of good information about two famous classical music composers. Have pupils ever heard these songs before?

Useful websites



[The Fresh Prince Of Bel Air Theme Song](#)



[The History of Hip Hop](#)



[Mozart vs Beethoven rap battle](#)

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re

Keywords

Temperate
Self-Disciplined
Bahai
Contentment

Buddhism
Christianity
Judaism
Humanism

Contentment
Faith
Responsibility

In school we will be learning

During the start of this half term, pupils will be learning about the disposition or topic of Being Temperate, Self-Disciplined and Seeking Contentment. To do this, we will be thinking and using the example of Humanism as well as the examples set by Christians and Baha'is. Learning about how these groups show self-discipline and contentment.

Another aim of these lessons is so pupils have a varied mix of religious understandings so that we can improve our knowledge of other ways of life, beliefs and views.

The last unit of Year 5, we will be learning about being accountable and living with integrity.

Again, to do this we will be using other religious beliefs and views, including: Buddhism, Christianity and Judaism. We will learn how all the people of these views and religions take responsibility.

We are hoping that all of these topics will make the pupils ask questions about their own faith and belief system. Including – how does my religion promote me to be self-disciplined and how do my beliefs make me take responsibility?

We ask these not for pupils to challenge their beliefs, but to better understand.

At home you can

To better understand the Baha'i faith, I have included a video that gives information about the Baha'i religion, the Newest of the major religions and a religion lots of people are unfamiliar with.

As we are learning about Humanism in lessons, I have included a webpage that includes information about Humanism and humanists, so pupils can better understand their views.

As we know, Islam is a very charitable religion, to celebrate this, I have included a new page for a charity created by an Australian Muslim who created a charity to make the world a better place. It would be great for pupils to read and learn about this example.

Useful websites



[WHAT IS BAHAI?](#)



[What is humanism?](#)



[Matw Project](#)

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Keywords

Jobs
Careers
Pay
Wage
Salary

Skills
Attributes
Qualifications
Training
College

Apprenticeships
University
Influenced
Stereotypes
Voluntary

In school we will be learning

This term in PSHE, the children will be learning about the wide range of jobs that are available to them. We will be looking into the broad range of jobs and exploring the reasons why people often have more than one job throughout their lifetime, as well as understanding what is needed for a career.

Children will be learning about the difference between paid jobs and voluntary work as well as the difference in a wage and a salary and how pay is linked to working life.

Following this, the children will be looking at the different skills, attributes, qualifications and training you need to pursue a range of careers and how these differ depending on what the job entails. This will lead onto the different routes into jobs and careers including college, apprenticeships and university.

We will then talk about what influences people to choose a certain job or career and the reasons why they make their decisions and what it is that makes them want to do that certain job or career.

Throughout this topic, we will also revisit about and



At home you can

Talk with your children about your careers and jobs or the careers and jobs of people within your family and how they have changed over the year.

Talk with children about what skills, qualities, attributes and qualification you need for your job.

Discuss what children would like to do in the future and research what is needed for these jobs.

Useful websites



[Jobs information](#)



[Careers information](#)



[Who am I? quiz](#)

PE

Keywords

Shotput
Discus
Javelin
Distance
Throw

Catch
Force
Position
Teamwork

deep catching
close catching

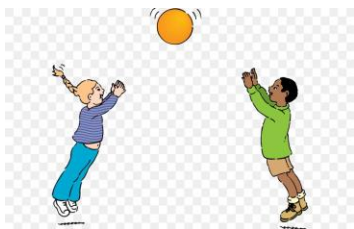
In school we will be learning

This half term, Year 5 will be learning about catching and throwing.

In this unit, the focus of the learning is to explore the differences between throwing for accuracy and throwing for distance.

- Pupils will learn how to throw a primary school javelin and how they can use their bodies to throw with greater distance.
- Pupils will learn how to throw a primary school shot put and how they can use their bodies to throw with greater distance.
- Pupils will learn how to throw a primary school discus and how they can use their bodies to throw with greater distance.

Another main focus of the learning is to explore how we can use our bodies to jump as far as possible in one jump.



At home you can

- Watch videos about catching and throwing effectively.
- Play games to develop catching and throwing skills with family and friends.
- Practise throwing the ball at length in the garden/ park.
- Create games of your own to catch and throw.

Useful websites



Learn how to throw

<https://youtu.be/vi8NGXOqZlg>



Games for catching and throwing

<https://youtu.be/OB3YPguZ0zA>

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