

Heathfield PRIMARY SCHOOL



Curriculum booklet

Year 6

Autumn 1.1

Writing

Keywords

persuasion
descriptive language
explanation
formal language
informal language

colloquial language
connectives
adverbial
repetition
alliteration

emotive
rhetorical

In school we will be learning

This term the children are reading 'Freedom'. In writing, they will develop their grammar and punctuation skills through the writing of a formal persuasive letter, diary entry from a character's perspective and an explanation text.

They will be applying their knowledge of embedded clauses using the correct punctuation, using cohesive devices to link ideas across paragraphs and being accurate and consistent in the use of tenses (verb). Children will use descriptive techniques to enhance the writing and impact the reader. Children retrieve their knowledge of persuasion and further develop techniques to convince the reader.



At home you can

1. Encourage your child to write letters to family members, friends, or even fictional characters. They could practice writing for different purposes Encourage them to think about things like: formal or informal, how they want the reader to feel.
2. Go for a walk and ask your child to write about what they see, hear, and feel in a nature journal. This is a great way to develop observational and descriptive techniques.

Useful websites



Different
purposes
for writing



How to
be persuasive

Happy hardworking courageous kind



Reading

Keywords

retrieval
inference
in context
skimming
scanning

expression
intonation
evidence
abolition
slavery

revolt
uprising
humiliate

In school we will be learning

This term, our students will explore the theme of Crime and Punishment through the novel *Freedom*. They will enhance their reading skills by focusing on retrieval skills, understanding vocabulary in context, and improving reading fluency. Activities will include class discussions, comprehension exercises, vocabulary tests, and individual reading fluency assessments. Each child will work on reading accurately and expressively, ensuring they grasp the meaning and inferences of the texts. We are excited about the rich learning opportunities this term and look forward to seeing the students grow in their reading abilities and comprehension.

At home you can

1. The number 1 thing to do to improve reading is to encourage your child to read for a minimum of 20 minutes every day - part of this reading should be aloud to a more experienced reader.
2. Talk to your child about what they are reading - encourage them to retrieve the interesting or difficult parts to discuss.
3. Encourage your child to describe the characters: what they're like, why they did what they did etc. Ask your child why they think this about the character - what evidence is there to support their opinions.
4. Do the same with setting and/or situations.

Useful websites



Retrieval guidance
for parents



Making reading fun

Happy hardworking courageous kind

H

Maths

Keywords

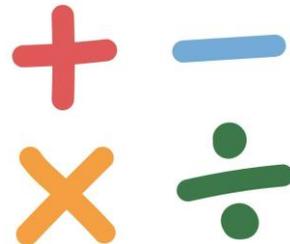
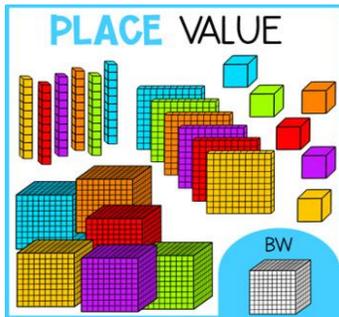
place value
rounding
operation
divide
subtract

addition
multiply
Multi-step
problem solve
reasoning

Negative numbers

In school we will be learning

This term, children will deepen their understanding of place value, concentrating on rounding, and multiplying and dividing by 10s, 100s, and 1000s, as well as working with negative numbers. They will revisit the four operations (addition, subtraction, multiplication, and division) and apply their knowledge to solve multi-step problems. Weekly assessments will be conducted to develop their mathematical fluency and pace, ensuring they are progressing effectively. Additionally, children will engage in various activities and exercises designed to enhance their problem-solving skills and confidence in handling complex mathematical concepts. Our goal is to build a solid foundation in math.



At home you can

1. Revise the times tables and the related division eg. $6 \times 7 = 42$ and $42 \div 7 = 6$ - quick recall of the times tables makes a huge difference to a child's progress in maths.
2. Present a math problem each day. Encourage children to solve it and discuss the solution. Problems can range from simple arithmetic to word problems involving real-life scenarios.
3. Encourage your child to complete any homework given and ask them to show/tell you what they've learnt.

Useful websites

<https://www.w.bbc.co.uk/bitesize/topics/z36tyrd/year/zncs.scw>



SCAN ME

<https://www.w.bbc.co.uk/bitesize/topics/zsjqjfr>



SCAN ME

Happy hardworking courageous kind

H

Science

Keywords

immune system
immunity
lumen
n
plasma
platelet
pulmonary artery
pulmonary vein

red blood cell
septum
tissue
valve
vein
vena cava
ventricle
white blood cell

In school we will be learning

Circulatory System

In the Circulatory System project, your child will revisit prior learning about the systems in the human body and the seven life processes. They will explore the role of the circulatory system and its main parts, carrying out research to answer their own questions. They will look closely at the structure, functions and features of the heart. They will learn about the components and functions of blood, making a representation of a separated blood sample. They will draw and label diagrams of each type of blood vessel and learn about their structure and function. They will test their resting heart rate using a variety of methods. They will investigate whether having a lower resting heart rate means you can sprint faster. They will recap the four types of exercise and test which raise their heart rate the most. They will recap what they know about healthy eating and the Eatwell guide, exploring foods that fall outside the Eatwell plate and recommended daily amounts of foods. They will research the effects of smoking, alcohol and drugs on the human body. They will complete their learning by carrying out an investigation into heart rate recovery.



At home you can

Heart Rate Measurement

- **Activity:** Measure your child's resting heart rate using different methods (e.g., manually at the wrist or neck, using a heart rate monitor).
- **Learning Objective:** Learn how to measure heart rate and understand its significance.
- **Materials:** Stopwatch or clock, heart rate monitor (if available)

Cooking Together

- **Activity:** Cook a healthy recipe together that includes a balance of carbohydrates, **Materials:** Ingredients for the chosen recipe, kitchen tools.

Useful websites

[The circulatory system - BBC Bitesize](#)



SCAN ME

[The effects of diet, exercise and drugs - BBC Bitesize](#)



SCAN ME

Happy hardworking courageous kind

H

Humanities History

Keywords

impact	crime	court
significance	punishment	law
chronology timeline	justice	

In school we will be learning

In this term the children will learn all about Crime and Punishment.

This project teaches children about the different types of crimes committed during key time periods.

It traces the development of the Justice system through the periods and the system of law and order. Children will be exploring crimes and punishments and present their findings to their peers.

The children will develop their various historical skills including chronology, compare and contrast, significance and impact.

At home you can

- Draw a timeline of the punishment system over the key time periods.
- To write a diary entry from the perspective of someone living in the Roman, Anglo-Saxon or Victorian time period.
- To research about the punishment system during Roman, Anglo-Saxon and Victorian time periods.
- To create a poster about what punishment was like during the key periods.

Useful websites



Crime and
Punishment
through the
years



British
values - Rule
of Law

Happy hardworking courageous kind



Computing

Keywords

website, web page, browser, media, Hypertext Markup Language (HTML), logo, layout, header, media, purpose, copyright, fair use,

home page, preview, evaluate, device, Google Sites, breadcrumb trail, navigation, hyperlink, subpage, evaluate,

implication, external link, embed.

In school we will be learning

Web page creation

The children will be introduced to creating websites for a chosen purpose. Learners identify what makes a good web page and use this information to design and evaluate their own website using Microsoft Sway. Throughout the process, the children pay specific attention to copyright and fair use of media, the aesthetics of the site, and navigation paths.

At the beginning of the project, the children will explore and review existing websites and evaluate their content. They will have some understanding that websites are created by using HTML code. Children will look at the different layout features available in Google Sites and plan their own web page on paper.



At home you can

Website Exploration and Evaluation

Activity: Explore and review various websites together, discussing what makes each one effective or not.

Learning Objective: Identify elements of good web design and user experience.

Materials: Computer/tablet with internet access.

- **Steps:**
- Visit websites on different topics (e.g., news, education, entertainment).
- Discuss elements such as layout, colour scheme, ease of navigation, and content quality.

Useful websites

[Getting Started with Sway - Microsoft Support](#)



SCAN ME

[Beginner's Guide to Microsoft Sway: Create Beautiful Webpages FREE - YouTube](#)



SCAN ME

Happy hardworking courageous kind



D & T

Keywords

Bias binding
Blanket stitch
darn
fastening
recycling
Running stitch

Tacking stitch
utility
Whip stitch

In school we will be learning

This half term, Year 6 is learning about Crime and Punishment during key periods, and they will be focusing on textiles in DT. This project teaches children a range of simple sewing stitches, including ways of recycling and repurposing old clothes and materials.

In this unit, the children will be encouraged to investigate ways to repair damaged clothing and how to repurpose clothing that is no longer wearable as it is.

They will develop their sewing and cutting skills and learn a range of different stitches, choosing the most appropriate one for a task. They will be given the opportunity to use recycled fabrics to design and create a useful item of their choosing.

Building on previous skill development, children will be encouraged to critically evaluate their own work as well as offer constructive criticism to others.



At home you can

- Gather some unused items of clothing and consider how they can be repurposed.
- Could you cut it up and use the fabric to make something else?
- Does it need repairing? How could this be done?

Useful websites



How to
do a
blanket
stitch



How to
do a
running
stitch



How to
do a
tacking
stitch

Happy hardworking courageous kind

H

Music

Keywords

Stan Getz,
Ben Webster,
Ian Gray,
Woody Herman,
organ,
harp,

cello,
piano,
horn
notation,
minims,
rests,

beat,
bar,
crotchets,
dotted crotchets,
semibreve

In school we will be learning

During this half term, year 6 will start their music lessons looking at Jazz which includes Aspects of Swing and Latin.



During this work we want pupils to be able to identify the instruments used to create a piece of music.

While playing the keyboards to this type of music, pupils will need to play instrumental parts with the music by ear using the notes G, A + B and D, E, G, A + B. Over the course of the half term pupils will improvise in a Bossa Nova style using the notes G, A + B and improvise in a swing style using the notes D, E, G, A + B

We want pupils to be able to know and describe what musical dimensions are and to describe what the style of music "swing and bossa nova".

Pupils will build on what they learnt last year with notation to play the keyboards.



At home you can

On many tables and devices there are free keyboard apps that pupils can practice the skills we learn in school.

As pupils will be continuing learning about keyboards and pianos, year 6 can revise the notation they learnt in year 5 by playing the identifying piano key quiz.

I have included a link to the songs 'Clocks' by Coldplay. This is included for pupils to discuss how important the piano is to brilliant songs.

Useful websites



[Identify Piano Keys Quiz](#)



[Coldplay - Clocks](#)



[How to start playing piano or keyboard](#)

Happy hardworking courageous kind

H

RE

Keywords

consequences
faith
values
rules
harmony

tolerance
fairness
compassion
discrimination
prejudice

word

In school we will be learning

In our Religious Education curriculum, we will explore the disposition of living by rules. Students will understand why rules are essential for harmonious living, examining the impact of the Ten Commandments on Christian ethics and behaviour. Additionally, we will delve into the significant rules followed by Ahmadiyya Muslims, fostering an appreciation for diverse religious practices and the importance of guidelines in various faith traditions to maintain peace and order in society.

Our curriculum fosters fairness and justice by examining prejudice and discrimination. Through stories like Jesus and the Samaritan woman, children learn empathy and inclusivity. We explore Islam's teachings on fairness, promoting understanding of diverse perspectives. By discussing these topics, we aim to instill values of tolerance and respect in our students, preparing them to navigate a diverse world with compassion and fairness.

At home you can

- Have children come up with their own set of rules for a game or a daily routine. Discuss why each rule is important and how it helps everyone.
- Create a chart comparing the rules and ethical teachings of different religions.
- Develop a chore chart that assigns tasks fairly. Rotate chores weekly to ensure everyone shares responsibilities equally. Discuss why this is important.

Useful websites



Understanding
what are rules,
rights and
responsibilities
around me.



What is being
fair?

Happy hardworking courageous kind



PSHE

Keywords

balance
Well-being
Physical health
Mental health
emotion

routines
exercise
diet
manage
coping

support

In school we will be learning

This term, children will learn about how we can keep healthy as we grow. Maintaining health as we grow involves understanding the strong link between physical and mental well-being. Regular exercise, a balanced diet, adequate sleep, and stress management are key to making healthy choices. Habits can either support or harm a balanced lifestyle; thus, developing positive routines is crucial. Mental health issues are common and can affect anyone, so recognizing early signs like mood, energy, appetite, or sleep changes is important for timely intervention. Puberty, the transition from childhood to adulthood, brings significant physical, emotional, and psychological changes that require understanding and management. By making informed choices and being aware of the interconnectedness of physical and mental health, we can support overall well-being and recognize when to seek help.

At home you can

- Establish a daily routine that includes time for physical activity, learning, creativity, and relaxation. A balanced routine can help manage stress and create a sense of normalcy.
- Have your child write down three things they are grateful for each day. This helps them focus on positive aspects of their life and promotes a positive mindset.
- Regularly check in with your child about their feelings and thoughts. Create a safe space for them to share.

Useful websites



Healthy eating



Understanding mental health

Happy hardworking courageous kind



PE

Keywords

Invasion
Attacking
Defending
Skill

Strategies
Tactics
Opposition
Goal score

Solution
Challenge
Negotiate
Solve problems

In school we will be learning

Basketball:

Basketball is an invasion game. In this unit, pupils develop their understanding of the attacking and defending principles of invasion games. In all games activities, pupils have to think about how they use skills, strategies and tactics to outwit the opposition. In basketball, pupils do this by maintaining possession and moving the ball towards the goal to score.



At home you can

Need to recap on the rules of Basketball?

Follow the link below to find out more. Do you know of any famous basketballers? Michael Jordan is considered to be one of the greatest of all time.

Want to improve your own fitness and get moving more?

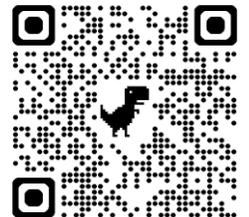
Check out Joe Wicks' Youtube Channel, it has lots of short, fun videos you can follow! See the QR code and link below.

Useful websites

[Getting Started Basketball England](#)



[PE with Joe Wicks](#)



Happy hardworking courageous kind

