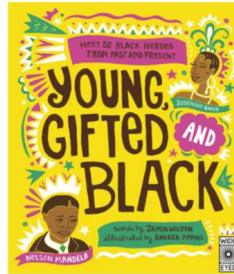


English

Children are going to explore our non-fiction text, 'Young, Gifted and Black'. Together, we will look at the lives of a range of inspirational people. Children will write for a range of purposes and focus on:



- Identifying the audience for and purpose of writing
- Organising paragraphs around a theme with a focus on more complex narrative structures
- Using commas after fronted adverbials
- Using commas to clarify meaning or avoid ambiguity in writing

Children are going to spend the second half term in Autumn looking at the fictional, traditional tale of The Lost Happy Endings. Children will be focusing on using expanded noun phrases to convey complicated information concisely, describing settings, characters and atmosphere,



integrating dialogue to convey character and advance the action and using inverted commas and other punctuation to punctuate direct speech. This unit will have them developing their description and working towards writing their own traditional tale.

Our Bronze Writing Goals

1. I write in sentences using a capital letter at the start and a full stop, ! or ? at the end.
2. I use capital letters for proper nouns.
3. I write using joined and legible handwriting.

Maths

The children will be working through a lot this term in maths. We will continue to develop their basic skills as well as building on their knowledge of the following areas:

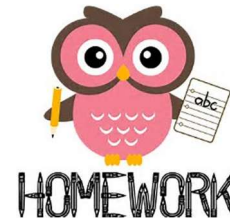
- Place Value
- Addition and Subtraction
- Multiplication and Division



Children will also take part in weekly Big Maths sessions.

Homework

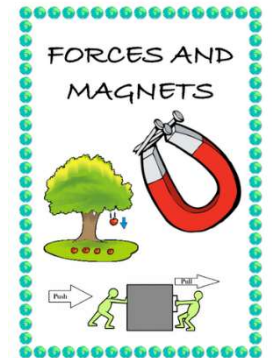
This term's homework will include: Reading Plus, TT Rockstars, weekly spellings, Reading Challenge and another piece of homework linked to either maths or English.



Science

The 'Forces' unit will teach your class about types of forces such as gravity, friction, water resistance and air resistance. Children will also learn about the use of mechanisms such as levers, gears and pulleys. The children will identify forces and find out about Isaac Newton and his discoveries about gravity, completing a comprehension about his life and his work. The children will look for patterns and links between the mass and weight of objects, using newton meters to measure the force of gravity. They will also work collaboratively to investigate air

and water resistance, participating in challenges to design the best parachute and boat. They will have the opportunity to work in a hands-on way to explore friction, developing their own brake pad for a tricycle or scooter. During some of the practical science work, the children will discuss how variables other than the one being tested can be kept the same to help make a test fair. Finally, they will find out about different mechanisms, including levers, gears and pulleys, and will design their own marvellous machine.



By the end of the Earth and Space unit, children will be able to:

- Describe the Sun, Earth and Moon as spherical.
- Name the planets in the solar system independently.
- Distinguish between heliocentric and geocentric ideas of planetary movement.
- Explain that day and night is due to rotation of the Earth.
- Support the idea that different places on Earth experience night and day at different times with evidence.

4. I use commas in a list.
5. I use paragraphs to organise my ideas.
6. I use effective description in my writing.
7. I use simple devices to structure my writing.
8. I use a variety of simple, compound and complex sentences in my writing.
9. My writing makes sense.

- Report and present findings from enquiries.
- Explain how the Moon moves relative to the Earth.



RE

Domestic Church -
Families: Ourselves -
Created in the image of
and likeness of God.



Baptism/Confirmation –
Belonging: Life Choices:
Marriage, commitment and
service.



Advent/Christmas – Loving: Hope:
Advent; waiting in joyful hope for
Jesus; the promised one.



Year 5 Autumn Term

We will be trying to answer the question –

What is the highest point on Earth?

And

Who is winning the Space Race?



Computing

Coding: coding efficiently,
simulating a physical system,
decomposition and
abstraction, friction and
functions, introducing
strings, text variables and
concatenation.



On line safety: responsibilities
and support when online,
protecting privacy, citing
sources and reliability.



Judaism: Passover – the festival and why it is important to Jewish people.



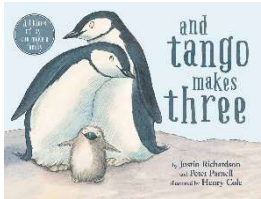
Spreadsheets: Conversions and measurements, the count tool, formulae including the advanced mode, using text variables to perform calculations, event planning with a spreadsheet.



PSHE

We will be looking at relationships in our PSHE this term. How to build up and maintain friendships as well as things that can damage relationships.

No outsiders in our school – to accept people who are different from me.
Text: And Tango Makes Three by Justin Richardson and Peter Parnell.



To learn from our past. Text: Where the Poppies Now Grow by Hilary Robinson and Martin Impey.



Music

Our focus for music will be looking at Bon Jovi's Livin' on a Prayer



Art/DT

We will look at drawing and painting space art inspired by Peter Thorpe. Children will recap their understanding of colour, the colour wheel, tints, tones and shades and consider how they can apply media to create mood.



History/Geography

P.E.

We will be looking at designing and creating a working model of our solar system in our DT this half term. This will fit in alongside our Science and history units which look at Space, Earth, Sun and Moon.

Geography: Children are going to be looking at mountains. They will start by identifying the seven summits, which are the highest mountains across the seven continents. Children will be able to describe the key features of a mountain as well and explaining how they are formed. We will look at the climate of mountains and explore mountain life.



Children will also be developing their fieldwork this term and carrying out orienteering activities.

We are also going to look back in time and identify the achievements of Space Travel from history. This will have us looking at time lines and the impact that these achievements have had on the world and on Britain.

Our topic question will have us considering:

- a study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066.

In Geography, we will be looking at mapping and locations which are important to achievements in the Space Race.

Children will work together to develop their skills in gymnastics this term. They will work to create balances including individual symmetrical balances, individual asymmetrical balances and partner balances. They will consider and practise different ways to move between balances and then put everything together as a group to create a sequence that they can then perform.



Swimming – children will be taking part in weekly swimming lessons as part of the Year 5 PE curriculum this half term.

