



News and reminders

PE days: **Year 5:** Wednesday **Year 6:** Monday

Children should come into school in their correct PE kit.

Please ensure that your child is wearing the Bierton P.E. hoodie, blue Bierton P.E. t-shirt and black leggings/joggers. We would also like to remind everyone that due to health and safety, earrings need to be removed or taped for PE lessons. Unfortunately, we cannot help children to remove their earrings or put them back in.

Diary dates

Monday 4th March - Author visit

Thursday 7th March - World Book Day

Friday 15th March - Red nose day

Monday 18th March - Fieldwork trip to Coombe hill

Wednesday 20th March - School disco and dance competition final

Monday 25th March - Rap workshop

Wednesday 27th March 1pm - Finish for Easter break

Superstar Learners this term

Well done to these children who have received a Christian Value certificate:

	Spruce	Sycamore	Whitebeam	Walnut
23 rd February	Amairah Responsibility	Mia - Responsibility	Hania - Love	Ruby - Love
1 st March	Franek Responsibility	Arjith - Cooperation	Ameila - Responsibly	Henry - Respect
Growth Mindset	Minal	Azain	Madiha	Alexia

Highest number of coins on Numbots	Highest number of coins on TTRS	Highest class quiz average
Vinusan	Shaivi	Whitebeam 82%
Dominic	Hansi	Spruce 81%
Lilly	Anissa	Walnut 79%

Homework

Just a reminder that homework is set on a Monday and is due by the following Monday.

The homework requirements in Year 5 and 6 are:

- 30 minutes across the week on TTRockstars (split into 20 minutes garage and 10 minutes studio)
- 30 minutes of maths arithmetic
- 30 minutes completing the SPaG task (year 5)
- A 30 minute two part Literacy task (Year 6)
- Daily reading (complete at least one quiz on Accelerated Reader each week)
- Website for Accelerated Reader: <https://global-zone61.renaissance-go.com/educatorportal/entry?t=6703196>

Reading millionaires: Well done to our latest millionaires!

	1 million	2 million	3 million	4 million
Year 5				Saharash
Year 6	Dhruvitesh	Shaswath Musa	Akhilesh	

Recent news

Year 6 Anxiety workshop

On Tuesday afternoon, Buckinghamshire Mental Health team came in to visit the Year 6s for a special workshop on Anxiety. The children focused on how to identify when they are anxious, solutions for what to do when they are feeling anxious and they gave them a booklet with different anxiety focused activities, such as worry trees and mind-maps. The children spoke a lot about next-year and the Buckinghamshire team helped with their worries. This was a great transition activity for all the children! They were allowed to take their booklets home from the session to use again and share with parents.



Author visit - Jess French



We enjoyed a visit from author Dr Jess French who shared her fascinating experiences with us. She has led an amazing life; travelling the world from deserts to volcanoes to rain forests. These adventures have led her to become an author of many books, one of which, 'Beast Lands' was read to us. She also described her writing process and encouraged us to imagine and design an adapted beast of our own!



How can you support your child at home with their learning?

If you would like some new books to encourage your child to read, we recommend you have a look at these websites. You can choose the books by reading age and topics.

<https://schoolreadinglist.co.uk/> <https://www.booksfortopics.com/>

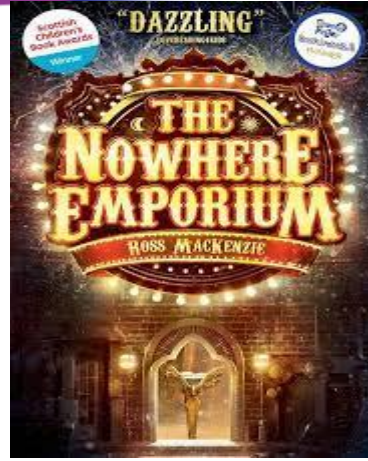
If you would like to support your child with their maths work, taking a look at the arithmetic homework they have on Purple Mash would be a great place to start. Once they have completed the work you could support them with the ones they found tricky.

You can use this website to help you: <ps://s3-eu-west-1.amazonaws.com/sh-biertoncombined-co-uk/media/downloads/updated%20MAIN%20FILE%202020.pdf>

Our learning

Literacy

We have started this term with a narrative unit using the book -The Nowhere Emporium. This unit is helping us to explore our imagination and think about all the exciting things that we might find in this new shop that appears one day. We have been developing our use of relative clauses to add further information to our sentences.



Science

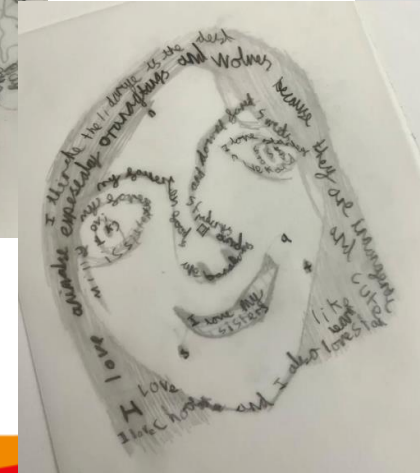
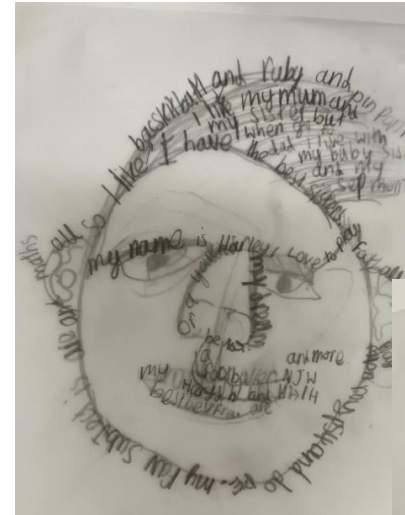
We have started our unit on properties of materials. We discovered new vocabulary to describe the properties and then used this to help us to decide which materials would be best for different uses. For example what materials would we use to make a chair compared to a saucepan.

Maths

We have used our knowledge of decimals and fractions to help us to understand percentages. We have been working out percentages of different amounts linking it to our understanding of tenths and hundredths.

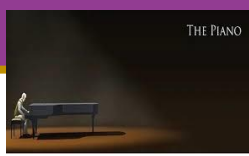
Art

This week we created portraits using a continuous line. We then used our line drawings and developed them by adding an extra layer to them that included words to describe us to create the picture.



R.E.

We have been exploring the sacrifice Jesus made and how this is shown in the Easter story.



Literacy

Since half term, we have been writing a narrative linked to 'The piano.' This is a short animated film about a man who plays the piano whilst his precious memories come flooding back to him. We have produced some amazing, descriptive writing and are excited to start the editing and publishing process soon! We also analysed the film discussing the use of sound, setting, symbols, sequence and story.

Maths

Mrs Glover's maths group have finished their unit on percentages and have now moved onto angles where we have been finding missing internal and external angles. We have used a protractor to measure and draw our own angles. Next week we will move onto recap properties of 2D and 3D shapes. In Miss Reilly-Wheeler's maths group we have finished our unit on ratio and have moved onto algebra. We have started to write algebraic expressions and are now evaluating them.

Humanities

We have finished our History topic which was on the Ancient Greeks. We are now moving onto the Geography unit: Mountains. We have started to research and locate different mountains around the world and we can locate the world's 'seven summits' on a map.



RE

Our new question unit is 'Was the death of Jesus a worthwhile sacrifice?' We will be finding out about the sacrifice Jesus made in the Easter story and the sacrifices made at Passover.

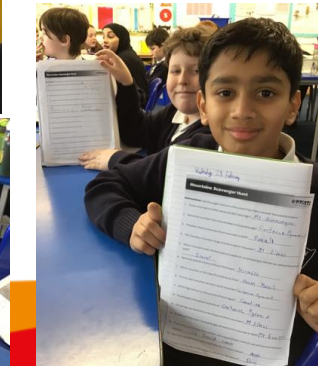


Science

We have been finding out about 'Properties and changes of materials' We have conducted lots of experiments including finding out which substances dissolve in water, we trialed different methods to separate substances from water and investigated irreversible changes. We all agree - it has been one of the best topics!



Y6 Photos



Knowledge Organiser
Unit: Properties and Changes of
Materials

Key Vocabulary

Key Word	Meaning
separate	To split or divide a substance into its distinct elements
solution	A mixture of two substances, the solute and the solvent
solute	A substance that is dissolved in liquid.
solvent	A substance that dissolves a solute, such as water.
irreversible	Impossible to change back to a previous condition or state.
compound	A substance formed when two or more chemical elements are bonded together
physical change	A change in material in which no new substances are formed
chemical change	A change that results in the creation of few chemical substances

5 ways to compare a physical and chemical change.

Property	Physical Change	Chemical Change
Explanation	Molecules are rearranged but the actual type of molecules stay the same.	The type and make-up of the molecules is changed and a new substance is formed.
Change	A temporary change that is easily reversed, and no new substance is formed.	A permanent change that is irreversible, with a new substance always being formed.
Energy	No energy is produced, and very little or no energy is absorbed.	Energy is produced, in the form of light or heat (for example) and energy is also absorbed.
Effects	Only has an effect on physical properties of a substance or object i.e. shape, size.	Changes both physical and chemical properties of a substance or object.
Examples	Freezing or boiling water, melting wax	Burning wood, eating food, rusting of metal.

1

- To know that some materials will dissolve in liquid to form a solution

2

- To use knowledge of solids, liquids and gases to decide how mixtures and solutions might be separated

3

- Explain that some changes form new materials, and that these changes are not usually reversible

4

- To identify when a change caused by heating or cooling is reversible or irreversible.

5

- To investigate the materials needed for something to burn and the new materials formed by burning

6

- To compare and group together everyday materials on the basis of their properties

7

- To give reasons for the particular uses of everyday materials in relation to their properties

Separation Techniques

Filtering

- Brewing coffee
- Cleaning a swimming pool
- Vacuum Cleaning



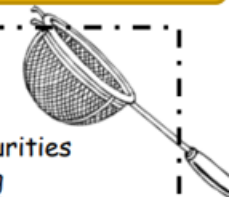
Evaporating

- Body sweat
- The water cycle
- Salt / crystal extraction



Sieving

- Removing impurities during cooking
- Sieving sand during building
- Mining for minerals



Knowledge organiser – Mountains

What will we be learning?	Date	LP	Presentation
Can I name and locate the world's seven summits?			p- p= p+
Can I explain how mountains are formed?			p- p= p+
Can I explain how mountains affect the climate?			p- p= p+
Virtual Fieldwork: Everest Base Camp			p- p= p+
Fieldwork: Coombe Hill (local area)			p- p= p+

Key facts

The World's Seven Summits (the highest peaks on each continent):

Everest (Asia), Aconcagua (South America), Denali (North America), Kilimanjaro (Africa), Elbrus (Europe), Vinson Massif (Antarctica), Carstensz Pyramid (Oceania)

Key knowledge

A mountain is a landform that sticks up, high above the surrounding land. It is much taller than a hill (600 metres or above, in the UK) and is often found grouped with others in a mountain range.

Mountains are formed when two of the earth's plates collide and land is pushed upwards or folded.

Mountains have their own climates.



Place names	Geographical terms and processes	Locational terms
Himalayas Nepal	alpine avalanche landform slope summit valley	altitude height above sea level map index map reference scale bar

Glossary

dome mountains: mountains formed by magma pushing upwards, but without a volcanic eruption

fault-block mountains: mountains formed by parts of a broken plate being forced upwards

fire mountains: mountains formed by volcanic eruptions

fold mountains: mountains formed by the earth's plates pushing together

scale bar: a line that shows how many kilometres there would be in the real world for every centimetre on a map.



Spring term 2 - Was the death of Jesus a worthwhile sacrifice?



Learning Question	Short date	LP = 1,2 or 3	Presentation
Lesson 1: Can I consider what the word sacrifice means to me?			p- p= p+
Lesson 2: Can I find out about the sacrifices made during Passover?			p- p= p+
Lesson 3: Can I find out what Christianity teaches about sacrifice?			p- p= p+
Lesson 4 & 5: Can I find out what Christians believe about the death of Jesus?			p- p= p+

What am I going to learn?

- That Lent prepares believers for the feast of Easter.
- How Ash Wednesday may be celebrated and the significance of the symbolism.
- That Lent is traditionally a time for giving things up.
- That fasting is linked to penitence and that it is a way for Christians to put themselves right with God before Easter.
- The story of the temptations and be able to suggest meanings for the temptations and the way that Jesus rebuffs them.
- Link the story of the temptations to the practice of Lent.

What words should we understand and be able to use?

Sacrifice	When you give something up that is important to you.	Shrove Tuesday	the day before Ash Wednesday. Though named for its former religious significance, it is chiefly marked by feasting and celebration, which traditionally preceded the observance of the Lenten fast.	Pilgrimage	a journey to a place of particular interest or significance
Give alms	It is the act of giving, showing kindness.	Ash Wednesday	the first day of lent marked by services of penitence	Holy week	the week before Easter, starting on Palm Sunday
Fast	When you give something up to eat.	Almsgiving	the practice of giving money or food to poor people	Hypocrite	a person who pretends to have virtues, moral or religious beliefs, principles, etc., that he or she does not actually possess.
Lent	the period preceding Easter, which is devoted to fasting, abstinence, and penitence in commemoration of Christ's fasting in the wilderness. In the Western Church it runs from Ash Wednesday to Holy Saturday, and so includes forty weekdays.	Palm Sunday	the Sunday before Easter, on which Christ's entry into Jerusalem is celebrated in many Christian churches by processions in which branches of palms are carried.	Penitence	the action of feeling or showing sorrow and regret for having done wrong; repentance