



News and reminders

PE days:

Year 3: Tuesday **Pear:** Monday (swimming) and Friday **Pine:** Wednesday and Friday

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.

Homework

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

The homework requirements in Year 3 and 4 are:

- Maths task to be completed on Purple Mash
- Spelling task to be completed on Purple Mash
- 30 minutes across the week on TTRockstars (split into 20 minutes garage and 10 minutes studio)
- 30 minutes across the week on Numbots
- 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>

Diary dates

- **Monday 4th March:** Author visit
- **Thursday 7th March:** World Book Day
- **Friday 15th March:** Red Nose Day
- **Wednesday 20th March:** Year 3 Life Skills Event at The Cottlesloe School (for children who have been invited).
- **Wednesday 20th March:** Dance competition final
- **Monday 25th March:** Rob Bradley - The Rap School - workshop
- **Wednesday 27th March:** End of Spring Term (school closes at 1pm)
- **Thursday 28th March:** Inset Day

Superstar Learners in February

Well done to these children who have received a certificate:

	Hazel	Holly	Pear	Pine
2nd February	Amelle Responsibility	Ajen Responsibility		Emilia Responsibility
23rd February	Megan Respect	Dexter Responsibility	Corey Responsibility	Xavi Responsibility
1st March	Charlie H Responsibility	Holly Respect	Rose Responsibility	Hazel Love
Growth Mindset	George Willow	Lillie-May	Eddie	Elsie P
Pen Licences	Theo Willow Lindsey Amelle George	Daniel Dexter Logan Lillie-May Finley Hanifa		

Highest number of coins on Numbots	Highest number of coins on TTRS	Highest number of quizzes passed
Kuria (Hazel)	Albert (Hazel)	Pine (292)
Rohan (Pine)	Mithunika (Hazel)	Holly (212)
Corey (Pear)	Theo (Hazel)	Hazel (174)

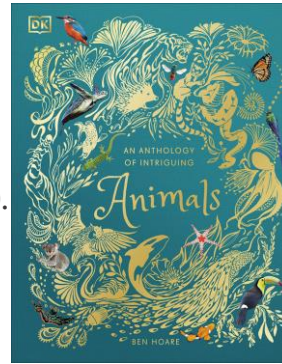




Literacy

This half term we have been focusing on non-chronological reports, which are a type of non-fiction writing. We have learnt about the different features of a non-chronological report (e.g. heading, subheadings and technical vocabulary).

In Science, we have been learning about 'Animals including Humans' and have focused on our skeleton. Our non-chronological reports are based on the pangolin (an unusual mammal) and consequently we have been able to make links between our science and literacy learning. lessons, our non-chronological reports



Computing

In computing, we have started to learn how to touch-type. Although we initially found it challenging to type without looking at the keyboard, with perseverance, many of us are gaining confidence.

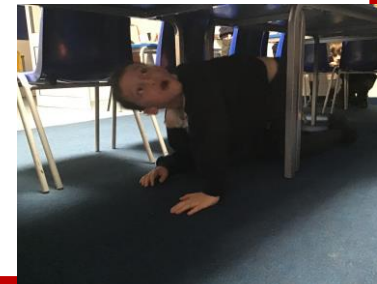
Science

We have just finished our unit on 'Animals including humans' and have learnt about the skeleton, as well as muscles, ligaments and tendons. To help us learn and remember the different bones of the skeleton, we drew around a person in a group and labelled the different bones.



Humanities

We are still learning about the Ancient Egyptian civilization and the children have been extremely engaged in all of the sessions. We have looked at a range of sources to discover more about life in Ancient Egypt. The children particularly enjoyed acting as archeologists and reconstructing Howard Carter's discovery and excavation of Tutankhamun's tomb.



Maths

Over the past few weeks, we have continued to learn about different measurements: length, mass, volume and capacity. We have practiced reading different scales and have also started to solve some word problems. Next, we will be learning about money so it would be fantastic if your child could start looking at different coins and notes, as well as finding total amounts of money at home.

RE

Our question this half term is 'Does Easter make sense without Passover?' We began by learning about the story of Passover and how Moses helped free the Israelite slaves from Egypt after God sent the ten plagues. We have also learnt about the festival of Passover and how it is celebrated with the Seder meal.

Spirituality

This half term, the Christian Value we are focusing on is 'Respect'. We recapped on the different ways we can show respect and have created our candles for the spirituality display.

Literacy

This half term, we have been focusing on 'Charlie and the Chocolate Factory'. As well as developing our writing skills, we have really enjoyed our experience days tasting chocolate and designing our own bars. We are currently reading the story and have watched the film. The children have really enjoyed identifying Roald Dahl vocabulary. We are now beginning to develop our own story.

Science

In science, we have begun to look at sounds. We have been exploring the school to see the areas that are louder and the areas that are quieter. Year 4 have also been beginning to look at how sound travels. This has been fascinating so far as we had an experience day, where Science Oxford came in and allowed the children to explore all different types of sound. In the afternoon, they then performed a show.



Maths

In maths, we have begun to look at the 12 hour and 24 hour clock. Whilst looking at the 12 hour and 24 hour clock, we have been answering word problems as well as drawing the analogue clock in with the newly identified time. When using the analogue clock, we are also identifying the exact minute that the minute (longer) hand is on. This requires an understanding of counting in fives as well as number facts. Pine class also reigned victorious in TTRS, with Emilia leading the class to hard fought victory.



Humanities

In Humanities this half term, we are exploring Antarctica. We have been taking part in many research activities using computers to find more information. We have been working in pairs to collate information on the climate, animals that live there and how often humans go there.



R.E.

In R.E, we have been discussing whether believers should give things up. Throughout this unit so far, we have been making sure we listen to everyone's points of view and are respectful to each other. It has been fascinating listening to all the children discuss how they feel about the topic.



Year 4 Life Skills Event

Yesterday, a group of children in Year 4 participated in a life skills event at The Kingsbrook School. They completed a range of activities, including: tying laces, doing up different buttons, folding sheets and playing different games. The Year 4 children who remained at school as enjoyed a morning filled with practical and physical activities.



Maths



Well done to the Elliott and Ralph (Pine Class) who have completed Diamond Stage on Numbots during February.



Well done to Youseff (Pine Class) for becoming a Rock Hero on Times Table Rock Stars in February.

If your child has achieved something outside of school, we would love to hear about it and showcase it within our phase newsletter.



District Gymnastics Festival

On Tuesday, a group of children from Key Stage 2 attended the district gymnastics festival at Stoke Mandeville where they competed against other local schools. All of the children were fantastic representatives of Bierton and performed fantastically. The girls also showed fantastic commitment to their training, often using their lunchtimes to rehearse.



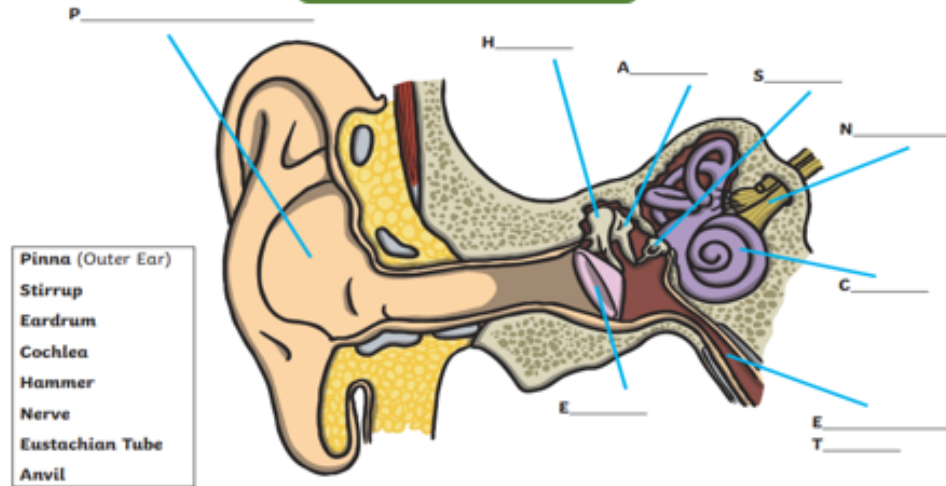
NSPCC: Childline Assembly

Last week, we watched the Key Stage 2 NSPCC ChildLine assembly. We learnt about different types of abuse and the different people we can speak to if we are worried or concerned about anything. We also learnt the number for ChildLine.



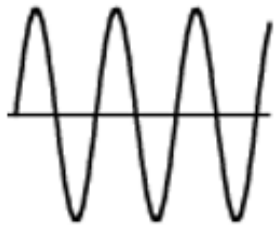
Knowledge Organiser - Unit: Sound

The Human Ear



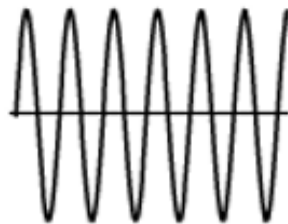
- Pinna (Outer Ear)
- Stirrup
- Eardrum
- Cochlea
- Hammer
- Nerve
- Eustachian Tube
- Anvil

low pitch sound



- The sound waves are wider apart.
- Has a lower frequency in hertz (Hz)
- The sound wave moves slower.
- On a musical instrument, a thicker string will produce a lower sound.

high pitch sound



- The sound waves are closer together.
- Has a higher frequency in hertz (Hz)
- The sound wave moves quicker.
- On a musical instrument, a thinner string will produce a higher sound.

Key Question 1

• How are sounds made? How do sounds travel?

Key Question 2

• What is the relationship between distance and volume?

Key Question 3

• What is the difference between pitch and volume?

Key Question 4

• Do different types of materials affect how sound travels?

Key Question 5

• How can I protect my ears from sound?



Protecting your ears

- If a sound reaches 85 decibels (dB) or stronger, it can permanently damage your hearing.
- Your ear drum can get perforated, or burst, if you don't protect your ears.
- Ear defenders are used by workmen and those who work in noisy environments to protect their ears from the sound.

Key Vocabulary

Key Word	Meaning
vibration	A movement back and forth to create a sound.
speed of sound	The distance travelled per unit volume by a sound wave.
soundproof	Something such a material that prevents the passage of sound through it.
sound wave	A form that sound takes as it moves through air, water etc. Recorded on a graph.
frequency	The number of cycles per second that a sound oscillates, recorded in Hertz (hz).
decibel	A unit measurement given to the loudness or intensity of a sound.
eardrum	The part of the ear that vibrates when receiving sounds.
pitch	The quality related who whether sounds are 'high' or 'low.'