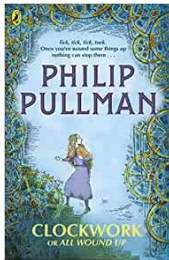




English

As writers, our learning will be centred around our core text of 'Clockwork' by Phillip Pullman.



Through this, we will:

- Identify the intended audience and purpose, manipulating devices and composition for effect.
- Use multi clause sentences, including relative and subordination.
- Indicate degrees of possibility using adverbs.
- Use a range of devices to link and build cohesion within and across paragraphs.
- Use brackets, dashes and commas to indicate parenthesis.
- Use commas to clarify meaning or avoid ambiguity.
- To write with increased pace, making selective choices as an author with precision and control.

YEAR 6

AUTUMN TERM 2



The
DIAMOND
Learning Partnership Trust
Be Inspired



Reading

As readers, we will focus on:

- Reading a range of fiction, non-fiction and poetry to develop our levels of fluency and pace.
- Draw on inferences from character feelings, thoughts and motives from their actions and justify inferences with evidence.
- Enhance our vocabulary to deepen our understanding and word meaning.

Our reading for pleasure text will be 'Macbeth' by Shakespeare Stories.



Maths

As mathematicians, we will follow White Rose units. This half term our learning will focus around place value, addition, subtraction, multiplication and division.

Through this, we will:

- Use more formal written methods of addition, subtractions, division and multiplication with integers of up to 4 digits, including decimal notation.
- Solve problems involving addition, subtraction, multiplication and division.
- Understand concepts around mixed operations, prime numbers, factors, multiples and estimation.
- Understand equivalent fractions and how to simplify them.
- Add, subtract, multiply and divide fractions and mixed numbers.



French

As learners of language, our Kapow unit is 'French Sport and The Olympics'. We will learn through a range of songs, rhymes as well as written tasks around the concepts of sports, competitions, Tour De France, French boules and football.



Science

As scientists, our Plan Bee unit is 'Changing Circuits'.

Through this, we will:

- Investigate static electricity.
- Recap and develop our knowledge and understanding of circuits and electricity.
- Recognise and use conventional symbols for circuits.
- Investigate ways in which brightness of a bulb or speech of a motor is changed.
- Plan, carry out and evaluate an experiment to see how changing the wire in a circuit affects the brightness of a bulb.
- Create a simple device circuit.
- Follow their own lines of investigation.



History

As historians, our Plan Bee unit is 'The Shang Dynasty'.

Through this, we will:

- Study the Shang Dynasty of China and explore how we know about it.
- Explore and interpret the evidence surrounding the Shang kings.
- Explore the evidence around Shang royal burials.
- Know what life was like for ordinary people during the Shang Dynasty.
- Know the developments of the writing and calendar created during the Shang Dynasty.
- Explore reasons as to why the Shang Dynasty ended.



Geography

As geographers, our Plan Bee unit is 'What is China like?'

Through this, we will:

- Locate where China is in the world and explore its landscape through different maps.
- Explore the human impact on China's physical geography.
- Explore China's economic growth and its effect on the country.
- Know China's famous tourist attractions and its impact on its economy.
- Know about the culture of China.
- Enquire by comparing and contrasting Peterborough to Beijing.



Enhanced Opportunities

To strive beyond the curriculum, we provide children with additional learning opportunities to widen their knowledge and broaden their experiences.

This half term we will:

- Engage in Newsround weekly and discuss local, national and global news in our society.
- Music and Coding through STEAM Conductive Music.
- Healthy Schools Smoking and Vaping Workshop.
- Electrical STEM workshop.



Homework

To consolidate our learning and to support children in knowing more and remembering more, we will have the following homework each week:

- 3 x 20-minute sessions on Maths Whizz (1 hour)
- 1 x SPAG.com activity linked to the previous weeks learning (30 mins)
- Weekly spellings – tested on Monday.
- 1 x reading comprehension (20 mins)
- Regular learning of times tables.
- The children will be encouraged to continue reading for pleasure at home 5 x weekly.



Art

As artists, our Kapow unit is 'Art and Design Skills'.

Through this, we will:

- To research and adopt the style of a famous group of painters, specifically Claude Monet and Edward Hopper.
- To understand the use of sketchbooks and use these confidently to develop ideas and experiment.
- Apply an understanding of line and repeated patterns.
- Create artwork through printing techniques.
- To design and make prototypes.
- To analyse and evaluate work.



PE

As sportsman, we will focus our learning skills in gymnastics. We will also undertake swimming lessons weekly on a Tuesday.

Through this we will:

- Move at different levels in a fluent and expressive manner.
- Develop flexibility, strength, technique, control and balance.
- Compare their performance with previous ones and demonstrate improvement to achieve their best.



Music

As musicians, our Kapow unit is 'Dynamics, Pitch and Texture.'

Through this, we will:

- Engage in discussion about the sounds of an orchestral piece.
- Have a selection of varied vocabulary in response to what they hear.
- Change dynamics and pitch, differentiating between the two.
- Take the role of conductor or follow a conductor.
- Change texture within their group improvisation and talk about its effect.
- Create a graphic score to represent different sounds.
- Follow the conductor to show change in pitch and dynamic.



PSHE

As citizens of the community, our Kapow unit is 'Health and Well-being.'

Through this, we will:

- Describe qualities or values that they want to develop and create achievable goals.
- Describe the importance of relaxation and suggest different strategies.
- Describe how they take care of their physical well-being.
- Understand that technology can impact their mental health and strategies to overcome this.
- Describe what resilience is, why it is important and some useful resilience strategies.
- Understand habits that can be good or bad for health.



Design Technology

As designers, our Kapow unit is 'Electrical Systems: Steady Hand Game.'

Through this, we will:

- Explain simply what is meant by 'form' and 'function'.
- State what they like and dislike about an existing children's toy and why.
- Survey a target audience about children's toys.
- Identify the components of a steady hand game.
- Design a steady hand game according to design criteria and use four different perspective drawings.
- Create a secure base, with neat edges, that relates to their game.
- Make and test a functioning circuit and assemble with a case.



Computing

As users of technology, our Kapow unit is 'Data Handling: Big Data 1.'

Through this, we will:

- Understand why barcodes and QR codes were created.
- Create (and scan) their own QR code using a QR code generator website.
- Explain how infrared can be used to transmit a Boolean type signal.
- Explain how RFID works, recall use of RFID chips and type formulas into spreadsheets.
- Take real-time data and enter it effectively into a spreadsheet.
- Present data collected as an answer to a question.
- Recognise the value of analysing real-time data.
- Analyse and evaluate transport data and consider how it provides a useful service to computers.



Religious Education

As citizens in a diverse culture, our Plan Bee unit is 'What is a Church?'

Through this, we will:

- Consider what is written in the Bible about the foundation of the Christian Church.
- Consider ways in which churches reflect local culture.
- Consider how churches help Christians worship.
- Identify ways in which churches serve their communities.
- Consider ways in which local churches form part of a global community.