

Year 4: Paddington Bear

1. Key Vocabulary

English — Capable, Approach, Exclude, Available, Expand, Constant, Immigrate, Environment, Random, Previous, Rigid, Relax

Maths — Thousands, hundredths, Positive, calendar, Negative, equation, Quadrant, exceed, Product, magnitude, Conformity, mode

Science — Automatically, assessment, nuclear, interpretation, Appliance, procedure, Device, evaluation, Circuit, method, Component, monitoring

Humanities — Hemisphere, Latitude, Longitude, Observatory, Greenwich, Mean Time (GMT), Co-ordinates, Topical

RE — Ceremony, Promises, Celebrant, Same Sex -marriage,

Union, Pilgrimage, Hajj, Mecca, Quran, The Ka'aba, Eid ul Adha, Obligation

Art — Vibrant, sections, Series, colour blocking, Strokes, outline, Complimentary, clashing, two-dimensional, hill scape, exhibit, scenic

DT — Recipe, appetising, undercooked, calorie, doughy, fresh, knead, mould, crumbly, savoury, rubbery, springy

Computing — wiki, cell, world wide web, chart, word processor, data base, bitmap, geotag, digital, graph, domain, spreadsheet

Spanish — me gusta, no me gusta, el ciclismo, me encanta, el baloncesto, me da igual, el hockey, odio, el futbol, el atletismo, la natacion, el tenis, la gimnasia, el rugby, la vela

Music — Emotional Animals (Improvisation), Scene, underscoring, background enhancement, the 'button', Dynamics, glissando, slide

PE — elevated, suspended, execute, adapt, heart rate, tense

3. English

(A Bear Called Paddington by Michael Bond)

Children will read and write anthropomorphic stories. Re-telling the story of Paddington and creating their own characters.

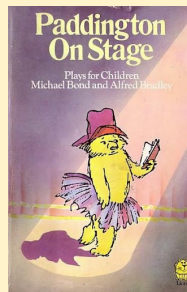
The children will read and create play scripts about a curious bear that arrives in the city of London.

They will research and create non-chronological reports on the geography of Peru.

The children will research a key historical figure from the Industrial Revolution, create, plan, draft and publish their own biography!

They will read and write shape poems all themed around Paddington Bear.

And they will be using images to create imagery poems inspired by Poems on the Underground.



2. Curriculum Knowledge

- To investigate electricity, including common insulators and conductors.
- To understand the purpose of key electronic components.
- To build and evaluate series and parallel circuits.
- To develop a range of cooking techniques, including chopping and mixing.
- To understand the impact of the coming of the London Underground.
- To write and perform poetry inspired by Poems on the Underground.
- To read and write stories and play scripts inspired by A Bear Called Paddington.
- To locate countries on a map using longitude and latitude.
- To compare countries in Europe (UK) and in South America (Peru).
- To research a key British artist (David Hockney).
- To experiment with different painting techniques.
- To use a range of painting techniques to produce landscapes.
- To solve real-life problems using our mathematical knowledge and skills.

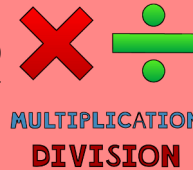


	Enterprise	Communication	Well-Being	Possibilities	Environment
Drivers:	DT: Understanding money when buying products	English: Performance skills for poetry reading.	PSHE: Understanding how to manage risks	Cooking: Becoming self-reliant.	History: The Underground and the impact on the environment.

4. Maths

Multiplication and Division

Children will learn how to multiply and divide by 10 and 100. They will also learn formal written methods to multiply and divide up to 4 digits by 1.



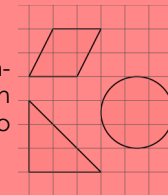
MULTIPLICATION
DIVISION

Length and perimeter

Children will learn and calculate the perimeter of a variety of 2D shapes using different units of measure.

Fractions and Decimals

Children will learn how to work out tenths and hundredths as fractions and decimals. They will also learn what improper fractions are and work out how to change them into whole numbers and fractions.

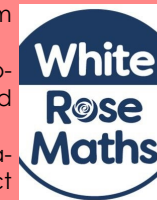


Mastery

Concrete – children will have the opportunity to use concrete objects and manipulatives to help them understand what they are doing.

Pictorial – alongside this children will use pictorial representations. These representations can then be used to help reason and solve problems.

Abstract – both concrete and pictorial representations will support children's understanding of abstract methods.



5. Science

Through research and investigations children learn to:

- identify common appliances that run on electricity.



- construct a simple series electrical circuit.



- identify and name basic parts, including cells, wires, bulbs, switches and buzzers.

- identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery



- recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit.

6. History/ Geography

History

Children will be learning about the social impact of the invention and development of the London Underground system, the impact of the industrial revolution on life in London, and a significant turning point in British history, the coming of the railways. Children will look in depth at why was the Underground built, and its impact on Victorian Britain.

Geography

Child will compare the schematic London Underground, with geographical maps of London. The children will look at the 'World' as a whole through globes, atlases and maps sharing all their prior geographical knowledge. They will move on to look at how the world is split up into time zones and this significance. The children will then focus on significant key features of the world including hemispheres, lines of longitude and latitude, polar regions and tropics - they will then focus on tropical regions around the world. The children will begin to draw comparisons the United Kingdom with Peru using their geographical locational knowledge.



10. Spanish

Children will be learning to say what they like and dislike using me gusta/ no me gusta.

This will be focused on likes and dislikes relating to fruit and vegetables.



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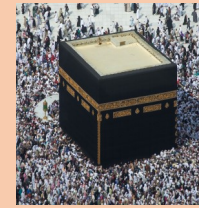
This will be focused on likes and dislikes relating to hobbies and sports.



7. RE

Weddings

The children will learn about weddings as part of a number of focuses on change and the cycle of life. As they work through the unit, in relation to the faiths and beliefs studied, children will examine Ways of celebrating, the community and the symbolism of marriage.



Islam

In Spring 2, the children will learn about The Hajj (A Islamic Journey of a Lifetime). They will look into what a pilgrimage is and why Muslims go on them. They will also explore different stories associated with the places on Hajj and it makes Muslims feel .

8. PSHCE

In PSHCE the children will be focusing on these key ideas:

- Managing Risks
- First Aid - Asthma
- First Aid - Common injuries
- Safer Internet Day and e-safety.



The children will learn how to manage different types of risks at home, in school and in the community. They will learn how to give basic first aid to someone with asthma and when they have a common injury. Children will also learn about how to be safe online, and look at how the British values link to our values of the month.



11. Computing

Class Wiki Page

Communicating and Collaborating (Digital Literacy) Children will create a class wiki about the history of the London Underground using text and images.



Data collection

Collecting, Analysing, Evaluating and Presenting Data (Information Technology) Children will use data loggers (iPads) to collect and record information about UK weather. Compare with weather in Peru (Paddington's home) gathered from a range of sources.



9. Art/ DT

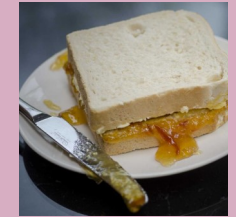
Art

Children will be finding out about the artist David Hockney, looking at a selection of his works and making observations and responses to his style of painting. Children to work towards creating their own version inspired by his famous Landscapes collection.



DT

Children will focus on understanding and applying the principles of a healthy and varied diet. Preparing and cooking a variety of predominantly savoury dishes using a range of cooking techniques. Understanding seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.

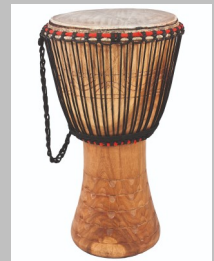


12. Music

Emotions / Music In Drama

Children will be explain why silence is often needed in music and explain what effect it has,

They will play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.



13. PE

This Gymnastics: Movement unit will teach children how to perform a variety of floor and vault movements. The children will learn straight jump full turns, cat leap half turns, straddle rolls, lunges into cartwheels and the straddle on vault while developing their understanding of the necessary flexibility, strength and control needed to perform the movements successfully.

