

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 — Inventor, Diagram, Union flag, Landscape, Improvement, Initiative, European Union, Equator, Continuity, Penny farthing, Valley, Tropic, Economics, Progress, Greenery, Cancer, Underground, Advancement, Surroundings, Capricorn, Coastline, Brochure

RE — Ceremony, promises, celebrant, same-sex marriage, union, pilgrimage, Hajj, Mecca, Quran, The Ka'aba, Eid ul Adha, obligation.

PSHE — arbitrary, contradiction controversy, practitioners, assurance, mutual, violation, ignored, confirmed, manual

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

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

Computing — Wiki, world wide web, word processor, bitmap, digital, domain, cell, chart, database, geotag, graph, 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 gymnasia, el rugby, la vela

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

PE — Jump, leap, roll, tuck, choreograph, vaulting, performance, control, straddle, lunge, cartwheel, sequence, routine

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 discrimination	Cooking: Becoming self-reliant.	History: The Underground and the impact on the environment.

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.

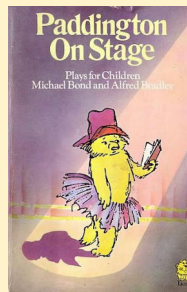
The children will read and create play scripts about a curious bear that arrives in the city of London.

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.



4. Maths

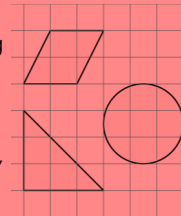
Multiplication and Division

Children will learn and practise their 11 and 12 times-table find factor pairs, use efficient multiplication methods, consolidate written methods multiplying 2 and 3 digits by 1-digit. As well as, dividing 2 and 3 digits by 1.



Area

Children will ask What is area? Find it by counting squares, making shapes and comparing area



Fractions and Decimals

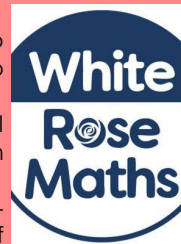
Children will find equivalent fractions, find tenths, finding unit and non-unit fractions.

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

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:

The role of the underground during World War II. Why was the Underground built, and its impact on Victorian Britain.

Comparing a schematic London Underground, with geographical maps of London

The future of London's suburban train systems, including the Overground and Cross rail.

Children will also:

Locate and name countries of the world using maps and atlases, focusing on Europe (UK) and South America (Peru).

Compare the human and physical features of the UK and Peru.

Identify the position and importance of latitude, longitude, equator, Northern hemisphere, and Southern hemisphere.

Describe and understand key aspects of physical geography, such as climate zone, biomes, rivers and vegetation belts.



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.



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 hobbies and sports.



7. RE

Spring 1: Weddings

Children will find out about weddings as part of a focus on change and the cycle of life. As they work through the unit, in relation to the faiths and beliefs studied, pupils will examine the following areas: Ways of celebrating (What do people do?); The story (Who is it all about?); The community (Whose celebration is this?); The symbols (Why do they do that?); The inner meaning (What is it really about?).



Spring 2: The Hajj

Children will explore the meaning of Hajj and its importance for Muslims. Children will learn about what a pilgrimage is, why Muslims go on Hajj and they will also discover stories which are associated with the places on Hajj.

8. PSHE

Spring 1: Staying Safe

Children will understand what British Values are and use their learning to devise some of their own. Children will identify some ways in which they can make their community a safe place to be (citizenship). Children will know how to be safe online. Children can identify 'risks, dangers and hazards' we encounter in daily life and can identify ways in which they are, and will continue to be, responsible for their own safety as they get older.

Staying safe



Spring 2: Healthy Living

The children will reflect on their own mental health and acknowledge that we do not have to feel happy all of the time. The children will identify personal coping strategies for improving their mood. The children discover how to read food packaging and how to use this to determine the health benefits of the food they eat.

11. Computing

Unit 1:

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



Unit 2:

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

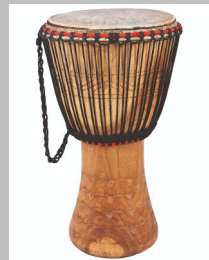
Children will focus on understanding and applying the principles of a healthy and varied diet. Preparing and cooking a variety of predominantly savoury dishes using a range of cooking techniques. Understanding seasonality, and know where and how a variety of ingredients are grown, reared, caught and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

