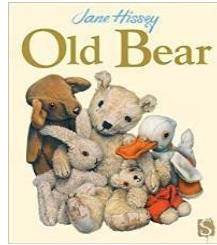
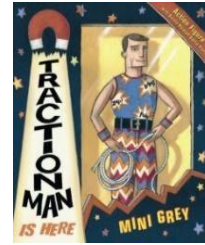


Literacy

Our first text this term will be 'Old Bear'. In our Big Write lessons, we will be using adjectives to describe Old Bear and his friends and also to describe the setting when Old Bear gets put up in the loft! We will then be reading 'Traction Man' and going on some very exciting adventures with him. Using time words, we will create instructions to help Traction Man cross the treacherous pond in the garden and use our senses to guess what Granny has bought them all for Christmas!



Autumn Year 1



Computing

Making links to our text of 'Old Bear', we will safely search for images of toys online, take digital photos of toys in different positions and upload them onto Stop Motion Studio to create a short animation to simulate motion. In Autumn 2, we will create simple algorithms as we program Bee Bots to travel around Traction Man's map.

Maths

Place value is our very first topic this term. We will be using a range of resources including counters, cubes, straws and Dienes to represent numbers and understand the difference between tens and ones. Using this knowledge, we will solve number sentences using all four number operations and then explore addition and subtraction in the context of money by creating our very own toy shops! We will start to explore measures involving length using standard and non-standard units of measurement.

Science

Autumn term for Science will all be about materials and plants. Which material will be best to keep Old Bear dry in the rain? Which material can Traction Man scoot the fastest on? We will be exploring a range of materials to identify their properties and suggest which ones would be best to fit a particular role. As we explore our local area, we will make observations of common garden and wild plants and make comparisons between them.

RE

Pupils will explore the idea of a Creator, retell the story of creation and look at what the creation story tells us about God. In addition, pupils will investigate ways in which Christians show thankfulness and express their own views on creation. Pupils will also learn about the Christian Harvest festival. In Autumn 2, pupils will explore the understanding that Jesus is God and that He was born as a baby in Bethlehem. They will look at the importance of Advent for Christians as well as thankfulness, learning about the message of Jesus' arrival and the impact of the Christmas story on Christmas cards.

Art and Design

Inspired by 'Old Bear', we will be designing our own puppets. We will be creating templates and using a running stitch to connect the pieces. We will also be creating sketches of the natural world.

PSHE

In PSHE, we will be thinking about the British Value of democracy and what that means for us in our lives. Together, we will construct and agree to follow a set of group, class and school rules. We will discuss communication: how we can communicate our feelings appropriately and recognise how our behavior can affect other people.

Humanities

In autumn 1, we will be jumping into our history lessons and exploring how toys, technology and buildings have changed over time using historical language and a range of sources (including our 3D printer) to identify facts and make comparisons. In autumn 2, we will be working with Traction Man on our mapping skills. We will be exploring our local area using positional and directional language and using symbols to map out our playground and then create routes to follow.

PE

In our indoor PE lessons, we will be exploring how we can use our bodies to create simple movements and actions and perform them with control in short dance phrases. In outdoor PE, we will be developing our throwing, running and jumping movements to take part in a mini Olympics!

Music

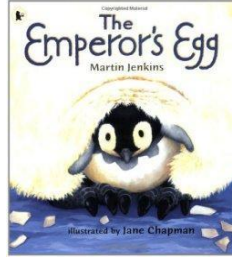
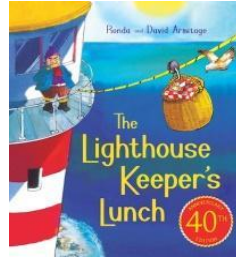
This term, we will be studying music from various periods of history such as the Medieval, Baroque and the Post-War period.

Spring Year 1

Literacy

In Spring 1, we will be reading 'The Lighthouse Keeper's Lunch' and learning all about Mr and Mrs Grinling's annoyance with some mischievous seagulls!

We will be describing the setting of their coastal cottage and writing instructions for delicious lunches. After this, our writing will be inspired by the book 'The Emperor's Egg'. We'll enjoy learning about the world's most devoted dad: the male emperor penguin.



Computing

This half term, we will develop our word processing skills as we help the Lighthouse Keeper to send letters and postcards home to his mainland friends and family. We will then be creating E books to teach others about animals living in Antarctica.

Humanities

We will be helping the Lighthouse Keeper with his move to the coast, using geographical vocabulary to describe physical and human features and how it will differ from life in Walthamstow. We'll use positional and directional language and compass points to navigate our way around maps and look out from inside virtual lighthouses using our VR sets.

During the subsequent half term, we'll be exploring the polar regions; comparing seasons, landscapes and animals.

Maths

This term we will start by refreshing and extending our knowledge of place value before learning strategies and solving number sentences for all four operations. We will revisit measures by investigating volume and weight. This term, we will also explore fractions and how they represent parts of a whole. We will identify fractions shaded on shapes and will use grouping and sharing to find fractions of amounts.

Alongside this, we will introduce the concept of position and direction in geometry.

Science

In the Spring term, we will be learning about lights and circuits and using this knowledge, every week, to add to our 'class lighthouse'. We will use a range of components including wires, batteries, switches and bulbs to create, test and investigate simple circuits.

Towards the end of the Spring term, we will also begin looking at different types of animals and how to classify them. To strengthen our understanding further, we will be visited by the Zoolab who will show us a range of interesting animals.

RE

During Spring 1, Pupils will begin to understand what Sikhs believe in and what they believe about God, including looking at what a Guru is.

Additionally, pupils will explore the Sikh belief that all people are equal. During Spring 2, pupils will explore the stories of Holy Week and Easter and discuss emotions connected to the Easter story. In addition, pupils will explore Christian traditions linked to Easter, as well as Christian symbols and the Easter story.

Art and Design

This term, we will be constructing our own lighthouses. We will start by studying the features of real lighthouses before choosing appropriate materials in which to make our own prototypes. After applying our scientific knowledge of circuits to light up a bulb, we will add a working light to our models. We will also be creating a birdhouse.

PSHE

We will be looking at health and wellbeing. We will be exploring the impact of having and maintaining positive and healthy physical and emotional wellbeing. We will also be exploring the British Values especially the value of tolerance and how we can live together and get along in school and in the wider community.

PE

In our PE lessons, we will be learning the skills required in Net and Wall games. We will develop throwing, catching and racket skills while learning to rack and hit a ball. Later on in Spring 2, we will be balancing, running and jumping during our 'fundamentals' unit.

Music

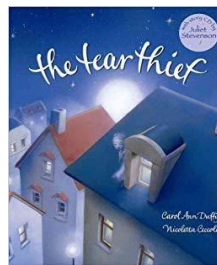
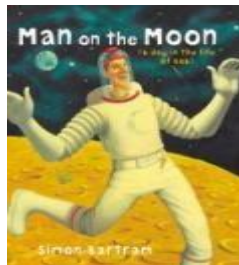
We will be looking at a range of music from Reggae to Rock and everything in between. We will look at similarities between all these genres and think about the ways they are linked.

Summer Year 1

Literacy

In Summer 1, we will meet Bob and learn all about his life as the 'Man on the Moon'. We will write character descriptions and begin to choose our verbs carefully for effect.

In summer 2, we will meet the mystical character known as 'The Tear Thief'. We will be developing our descriptive writing to develop characters and settings and write our own stories by following a plan and the structure of a story mountain.



Computing

This term, we will be writing algorithms to launch Bob's rocket into space and bring it back again. We will create, run and debug our programs to ensure they work correctly. We will continue to program an on screen robot with commands including 'jump' and 'if'.

Humanities

In Summer 1, we will learn about famous pilot, astronaut and engineer Neil Armstrong. We will explore his experiences as the first man on the moon.

Next, we will explore modes of transport and how they have changed and developed through history. We will consider the reasons for change and debate whether the developments have always contributed positively to the world.

Maths

This term, we will start again by refreshing and extending our knowledge of place value before learning strategies and solving number sentences for all four operations. We will revisit measures by investigating time and money. This term we will continue to explore fractions and how they represent parts of a whole. We will explore 2D and 3D shapes and be confident when describing their properties, making comparisons and recognising them in different orientations.

RE

In Summer 1, we will be exploring Islam. We will explore what Muslims believe in and why the prophet Muhammed is important to them. We will learn about the five pillars of Islam and how they guide the lives of many Muslims. In Summer 2, pupils will explore the story of 'The Lost Son', the hidden meaning of the parable and the ways in which Christians show their love for God. Furthermore, pupils will investigate why some Christians believe God is forgiving and how they show this belief, plus exploring the ways Christians pray.

Art and Design

In the Summer term, we will be looking at the mesmerising work of Kandinsky who is considered to be the to originator of abstract art. We will be creating our own versions of his work using and blending chalk.

PE

In PE, we will be develop agility, balance, coordination, speed and stamina during our fitness sessions. We will also have the chance to work in teams, developing our communication and problem solving skills by working collaboratively with one another..

Science

We will start by exploring Bob's place of work on the moon and discussing the differences between the gravitational pull. As he works nearer to the sun, we will explore how to stay safe in the sun and will test the effectiveness of sun creams. We will learn how to keep our bodies healthy and will advise Bob on how he can keep healthy during his busy days. In the second half of the term, we will carry out investigations into materials and light, culminating in a STEM project.

PSHE

We will be looking at health and wellbeing and how we can prevent germs and diseases from spreading by having good hygiene. We will also be discussing the positive relationships and networks that we have around us and the people that we can trust.

Music

In music, we will be learning about music in film and how music is used to create emotions in the viewer.