

## Year Two- Autumn Term - 'Trains, Planes and Automobiles'

During this topic, children will:

### Geography- Valparaiso

- use geographical language to describe direction and location
- locate Valparaiso, Chile and South America on a map
- describe the geographical features of Epsom and Ewell and compare them with Valparaiso in Chile

### Art- primary and secondary colours

- mix paint to create tints and shades
- discuss and investigate how artists use shape and pattern
- create a repeated printed patterns inspired by Valparaiso

### Eco Awareness -Traffic

- know what traffic is and how much traffic passes through the local area



### DT- Mechanisms –Make a vehicle

- explore how the wheels and axles on a vehicle work
- understand the role of the chassis
- design and build a simple car from cardboard, wheels and wooden doweling
- evaluate how well the car moved and identify strengths and weaknesses of the model

### Fairtrade

- find out where our favourite Fairtrade food comes from
- think about the journey of a Fairtrade banana from farm to supermarket

## Year Two- Autumn Term - 'Autumn'

During this topic, children will:

### Science- Seasons

- understand what is meant by the seasons
- know the changes in plants and trees in different seasons such as leaves falling off the trees in autumn
- know that the day length varies with the seasons
- know that the weather associated with the seasons is variable
- understand that autumn and winter are progressively colder seasons
- sort and group living things based on hibernation and migration



### Art- drawing

- experiment with mark making

## Year Two- Autumn Term - 'Pioneering Nurses'

During this topic, children will:

### History- Florence Nightingale. Mary Seacole and Edith Cavell

- learn where the Crimean War took place and when
- research Florence Nightingale and learn facts about her family and early life
- research Mary Seacole
- ask questions based on historical events and people – Edith Cavell



### Science

- learn that animals, including humans, have offspring that grow into adults
- describe the basic needs of humans for survival
- describe the importance of exercise for humans
- talk about the importance of eating the right amounts of different types of food
- learn about the importance of hygiene
- learn about Louis Pasteur and why he is famous

## Year Two- Autumn Term - 'Christmas Card'

During this topic, children will:

### History

- create a timeline of British history

### Computing

- how to share work electronically to communicate and connect with others locally or on the Internet
- use email as a communication tool to
- understand that the information I put online leaves a digital footprint or trail
- create a computer program using simple algorithms
- use the repeat and timer commands when comparing the Turtle and Character objects
- understand the need to test and debug a program repeatedly
- create programs using different kinds of objects whose behaviours are limited to specific actions
- use all the coding knowledge to tell a story
- understand what we mean by searching on the internet



### DT- moving mechanisms- Make a moving Christmas Card

- learn how mechanisms work
- design a mechanism to use in a Christmas card
- make a mechanism
- evaluate how well the mechanism works

### DT – skills retrieval- Cutting Food Safely

- learn how to chop food safely by cutting up different fruit
- sew using a running stitch and tie a knot in the wool

## Year Two- Autumn Term

Throughout this topic, children will:



### Drama

- adopt a character role and consider an alternative course of action
- perform to an audience with confidence and enthusiasm



### PE

- Children cover the skills based (Real PE) scheme

### Gymnastics- balancing

- hold a strong and steady balance on the floor and on different pieces of apparatus

### Music- singing and percussion

- appreciate music of African culture
- sing songs expressively, such as 'If you're happy and you know it'
- listen to a piece of music and explain how it makes you feel
- learn a simple glockenspiel part and play in time to the music
- listen to, interpret and respond to music
- chose and play percussion instruments to create an effect
- know that instruments can be used in different ways
- play instruments in time with a beat
- maintain a part in a round

### Dance

- move to the music
- copy and repeat actions
- add their own ideas to a movement
- improvise and create a simple dance
- perform with confidence

## Autumn Term Year Two

During this term, children will:

### Literacy – reading

- answer What? Why? Who? Where? questions
- practise 'because' answers

### Literacy – PAG

- use capital letters, full stops and question marks in sentences
- identify nouns
- use and, but, so, if, when as connectives to join sentences
- identify verbs
- use the suffix 'ly'
- use a comma in a list
- use subheadings to organise their ideas
- use expanded noun phrases
- understand what a command is

### Literacy – Write

- 'Mrs Armitage on wheels' alternative version
- an adventure story based on 'Brum'
- a set of instructions for how to make a bowl of cereal
- an autumn report
- a hibernation report
- an explanation of how Florence Nightingale changed hospital
- a diary entry for Florence Nightingale

### Maths

- Read and write numbers to at least 100 in numerals and in words and recognise the place value of each digit in a two digit number (tens, ones).
- Identify, represent and estimate numbers using different representations including the number line.
- Compare and order numbers from 0 up to 100; use  $<$ ,  $>$  and  $=$  signs and use place value and number facts to solve problems.
- Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
- Solve problems with addition and subtraction using concrete objects and pictorial representations; applying their increasing knowledge of mental and written methods.
- Subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers and adding three one-digit numbers.
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
- Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.
- Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.
- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ( $\times$ ), division ( $\div$ ) and equals ( $=$ ) sign.
- Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.
- Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
- Find different combinations of coins that equal the same amounts of money.
- Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.

Autumn Term Year Two  
During this topic, children will:



**RE: Beginnings: FAMILY**

- know and understand 'the many beginnings each day offers.'
- know and understand God is present in every beginning

**RE: Belonging: BELONGING**

- know and understand 'the many beginnings each day offers.'
- know and understand God is present in every beginning

**RE: Preparations: LOVING**

- know and understand about preparing for special times.
- know and understand that Advent is four weeks of preparation for the celebration of the birth of Jesus at Christmas.

**Education in Personal Relationship**

- Celebrate their uniqueness through recognising what they are good at
- Recognise themselves as male and female
- Know key vocabulary for body part differences
- Learn that humans can produce babies
- Hear about the ideal of loving and sharing in a Christian marriage
- Know that they belong to different groups in the community.
- Recognise that there are different types of teasing and bullying is wrong, and how to get help to deal with it.
- Know that it is wrong to say anything about colour of skin or anything hurtful about someone's culture.
- understand how to treat themselves and others with respect and dignity
- begin to understand and respect the dignity of people with specific disabilities
- be able to state their name, address and telephone number; in case of an emergency; know how to call 999; how to get help from another adult.
- Know the difference between good and bad secrets.
- Know how to use breathing techniques to keep calm