

## Computing

- In Computing, we will learn what an algorithm is.
- We will learn how to create precise instructions using Bee-Bots. We will program Bee-Bots to do things such as move under a bridge or go around an obstacle course. We will practise debugging the Bee-Bot if it doesn't go the right way until the instructions are precise and accurate.

### **How can you help your child at home?**

-Talk to your child about e-safety. Use our 'Think S.M.A.R.T., use your heart' poster to help them remember the safety rules. You can find this poster on our school website.

-Practise using coding apps such as Bee-Bot and Daisy the Dinosaur.

-Discuss technology used beyond the house and home, such as in aeroplanes and at airports.

## Art and Design and Technology (D.T)

- In Art, we will be looking at famous artists Stephen Wiltshire and L.S. Lowry who drew transport. We will create our own versions in response to the artwork. We will use charcoal, pencil and pastels to create different tones using light and dark and show patterns and texture in our drawings.
- On D.T. day, we will design and make our own vehicle using axles and wheels. We will evaluate it's sturdiness and reflect how it can be improved.

### **How can you help your child at home?**

-Research famous artists from who drew using pencils, charcoal or pastels. Talk about the similarities and differences and encourage your child to use different materials to make their own artwork.

-Look at art in museums and around us for inspiration. You can visit museums such as the British Museum, the National Gallery, Tate Modern and Tate Britain.

## Physical Education (P.E.)

- We will be learning dance skills to develop balance, agility and co-ordination.

### **How can you help your child at home?**

-Take your child to the park to exercise everyday.

-Dance together.

## Religious Education (R.E.)

In R.E., we will be learning about Easter. Our key question is:

- Why is Easter important to Christians? How do Christians celebrate Easter?

### **How can you help your child at home?**

-Discuss with your child about how and why Christians celebrate Easter.

## Please remember...

- Your child should wear their P.E. kit to school on P.E. days. Every Thursday and Friday for Cove Class and every Wednesday and Thursday for Lake Class.
- Home learning books will be collected every Wednesday and returned every Friday. Check your child's reading record book to see when their reading books will be changed. Spelling test is every Wednesday.
- Please complete the home learning with your child every week and write a comment about their reading or progress to the teacher.

## Music

- We will continue to sing songs building rhythm skills and melody.
- We will continue to learn how to read music.
- We will continue to learn how to play a recorder.

### **How can you help your child at home?**

-Practise playing percussion instruments such as shakers or bells to play a simple beat.

-Practise singing and dancing together.



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## Year 2 Curriculum Information Leaflet



## All Around the World: Travel and Transport

Spring (second-half 2019)

## Mathematics

We will be learning how to measure including money and fractions:

- We will practise using appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- compare and order lengths, mass, volume/capacity and record the results using >, < and =
- Recognise, find, name and write fractions  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{2}{4}$ , and  $\frac{3}{4}$  of a length, shape, set of objects or quantity. Write simple fractions for example,  $\frac{1}{2}$  of 6 = 3 and recognise the equivalence of  $\frac{2}{4}$  and  $\frac{1}{2}$ .
- amounts to make a particular value.
- Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.
- Know the number of minutes in an hour and the number of hours in a day.

### How can you help your child at home?

- Help your child to practise using a ruler for drawing straight lines and measuring. Help your child to hold the ruler carefully as they draw.
- Work together to measure the length or height of everyday objects in the house (in metres or centimetres). Point out the starting and finishing number on the ruler and read the measurement together. Help your child line the object up with the zero (0) on the ruler or tape when they measure.
- Order objects by height or length and use the words 'longer/taller than', 'shorter than', 'longest/tallest' and 'shortest'.
- Choose some items from your kitchen cupboard. Weigh them together and put them in order. Use the words 'heavier than', 'lighter than', 'heaviest' and 'lightest'.
- Practise reading the time- Make sure your child practises reading analogue clocks in everyday life, as this is part of the maths curriculum.

## Geography

- In Geography, we will use world maps, atlases and globes to identify countries, continents and oceans. We will use aerial photographs and plans to recognise landmarks and human and physical features.
- In History, we will be recognise that dates are used to identify when events happened in the past. We will identify similarities and differences of transport between my life and the past. We will learn about the effects of an event or action of an individual and give simple explanations.

### How can you help your child at home?

- Practise using a map/globe to label the countries, continents and oceans.
- Research how transport has changed from past to present. Research who invented different types of transport and compare the life of a child living while Queen Victoria was alive and how it is different than yours.

## English

- We will read and discuss fiction books related to transport, as well as non-fiction books about transport and explorers such as Amelia Earhart and the Wright Brothers. We will continue to practise reading and answering a variety of comprehension questions such as why and how, as well as developing our fluency and expression.
- We will continue to write for a range of purposes and check that our writing makes sense through purple polishing our learning. We will be writing a biography, a letter, a recount of our trip and a post card.
- We will continue to practise using wow words (adjectives, verbs and adverbs) in our writing. We will continue to practise writing longer sentences using conjunctions such as 'because' and 'but' and writing at length.
- We will continue to learn to use capital letters, full stops, question marks and exclamation marks to demarcate sentences, commas to separate items in a list and an apostrophe to mark contracted forms in spelling.
- We will continue to learn how to proofread our writing using our purple polishing pen.

### How can you help your child at home?

- Read to and listen to your child read everyday. Talk to your child about what they have read and ask them questions.
- Encourage your child to practise writing for different purposes and practise what we learnt. You can keep a writing journal to allow your child to write freely and for various purposes.
- Remind your child to proofread their writing for wow words, capital letters, punctuation, spelling and that it makes sense. You can teach your child to use a dictionary to help them become better proof readers and spellers.

## Science

- We will identify the suitability of everyday materials for particular uses. We will learn that certain materials can be used for more than one purpose e.g. metal to make a car and an engine and that certain objects can be made using different materials e.g. windows from glass or plastic.
- We will learn how to squash, bend, twist and stretch certain objects and describe how the material makes the shape change. We will compare how things move on different surfaces.

### How can you help your child at home?

- Identify how different objects in the house might be made from the same material and that some objects such as cups can be made from different materials. Discuss why that material is used for that purpose or object.
- Practice changing shape to materials such as play dough and clay by squashing, bending, twisting and stretching.
- Visit the Science Museum and discuss materials of various objects.

## Our Topic Learning

Our topic this term is 'Travel and Transport'. Here are some of the experiences we will enjoy:

- For our super starter, we will pretend to travel to Jamaica and compare what's the same and different between the U.K. and Jamaica.
- We will visit the London Transport Museum to learn about how transport has changed in London.
- We will learn the seven continents and five oceans around the world and locate and label them on a map. We will describe routes on a map to get from one country to another and what kind of transport we might use.
- We will learn about famous people who changed transport such as Amelia Earhart and the Wright Brothers.
- We will read fiction and non-fiction texts about transport, travel and explorers.

### How can you help your child at home?

- Look up information about various types of transport around the world and compare it to the transport in London.
- Visit museums such as the London Transport Museum, Science Museum, London Motor Museum or National Maritime Museum to learn about various types of transport.

## Personal, Social, Health and Economic (PSHE) Spiritual, Moral, Social and Cultural (SMSC)

- We will learn about other religious festivals and traditions such as Mothering Sunday, St David's Day, St Patrick's Day, Easter, Passover and Holi Festival..
- Our SMSC topic is 'Healthy Me'. We will be learning about healthy habits such as healthy eating, drinking lots of water, exercise, sleep and rest, good hygiene and a happy attitude. We will learn about the importance of relaxing to help us stay healthy. We will be learning about safety and how we stay safe in the world around us including road, fire and medicine safety. We will also be learning about people who help us be healthy and stay safe.
- We will also learn about World Book Day, International Women's Day, International Day of Happiness and Red Nose Day.

### How can you help your child at home?

- Discuss and encourage healthy and encourage healthy habits such as exercise at home. Cook healthy meals together.
- Discuss the religious festivals and special days we are celebrating and why they are important. Join in with some of the festivities such as celebrate Mothering Sunday together or read a fun book on World Book Day.