

## English

See separate tracking document

**Maths - Year 1** - Count to and across 100 from any number Count, read and write numbers to 100 in numerals Read and write mathematical symbols: +, - and = Identify "one more" and "one less" Use number bonds and subtraction facts within 20 Add and subtract 1-digit and 2-digit numbers to 20, including zero

**Year 2** - Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward Recognise the place value of each digit in a two-digit number Compare and order numbers from 0 up to 100; use and = signs 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 to 100 Add and subtract numbers using concrete objects, pictorial representations, and mentally Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers

## History

Begin to describe similarities and differences in artefacts and pictures from the past and present of artefacts, pictures, and events from a period in history studied and begin to recall dates of important festivals or celebrations

Answer questions using an artefact/photograph provided, including an event beyond living memory

Explain that there are different types of evidence and sources that can be used to help represent the past

Start to compare two versions of a past event

Start to use stories or accounts to distinguish between fact and fiction

Describe memories of key events in lives and order chronologically on a mini timeline

Sequence pictures from different period

Recount the life of someone famous from Britain who lived in the past using different resources to help them

Understand that there are reasons why people in the past acted as they did

Know and recount episodes from stories and significant events in history

## Music

Make different sounds with their voice

Make different sounds with instruments

Identify changes in sounds

Change the sound

Repeat (short rhythmic and melodic) patterns

Make a sequence of sounds

Show sounds by using pictures

Order sounds to create a beginning, middle and end

Create music in response to different starting points

Choose sounds which create an effect

Use symbols to represent sounds

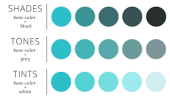
Make connections between notations and musical sounds

## Art & Design

Experiment with paint media using a range of tools, e.g., different brush sizes, hands, feet, rollers, and pads Begin to control the types of marks made in a range of painting techniques e.g., layering, mixing media, and adding texture

Understand how to make tints using white and tones by adding black to make darker and lighter shades

Name the primary colours and mix to create a range of secondary colours, being able to predict the resulting colours.



## Heart Smart/RSE

Children learn how to let love into their hearts

Children learn to recognise and celebrate their strengths and they ways in which they are all unique

Children learn to differentiate between the truths and lies that they hear and speak about themselves

Children learn that their names are important and show us a bit about who they are

Children learn that being thankful for what they have helps them develop a gratitude attitude

Children consider the difference in their heart rate after physical activity. Loving themselves well means learning to look after their health

Children learn ways to let love into their hearts

## Explorers

Autumn 2 2023

Learning Objectives

## Design & Technology

Explain how their products will look and work through talking and simple annotated drawings

Make models, templates, and mockups of ideas on card, paper or using ICT

Follow a simple plan or recipe

Explore what materials the products are made from

Begin to evaluate their products as they are developed, identifying strengths and possible changes they might make next time

Talk about and start to understand the simple working characteristics of materials and components

## Geography

Use plan view or aerial photos to recognise landmarks and to describe geographically the human and physical features

Name the world's oceans and find them in an atlas

Find where they live on a map of the UK

Draw a simple picture map (could be from a story) and label particular features

Use simple compass directions and locational/directional language when using map

Use key vocabulary to demonstrate knowledge and use maps, pictures, and stories to find out about different places

**RE – Year 1** - Give a clear, simple account of the story of Jesus' birth and why Jesus is important for Christians. (K2), Recognise that stories of Jesus' life come from the Gospels. (K2) Give examples of ways in which Christians use the story of the nativity to guide their beliefs and actions at Christmas. (S2-3) Decide what they personally have to be thankful for at Christmas time. (E2)**Year 2** - Recognise that Incarnation is part of the 'Big Story' of the Bible. (K2), Tell the story of the birth of Jesus and recognise the link with Incarnation — Jesus is 'God on Earth'. (K2), Give at least two examples of ways in which Christians use the nativity story in churches and at home; for example, using nativity scenes and carols to celebrate Jesus' birth. (S3), Think, talk and ask questions about the Christmas story and the lessons they might learn from it: for example, about being kind and generous. (E2-3)

## PE

See separate tracking document

## Science

**Year 1** - Describe the simple physical properties of a variety of everyday materials, Compare and group together a variety of everyday materials on the basis of their simple physical properties, Distinguish between an object and the material from which it is made, Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock

Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses, Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching

**Year 2** - Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses, Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching

## Computing

### Year 1

Know that images give information, Say what a pictogram is showing them

Put data into a program, Sort objects and pictures into simple lists or simple tables

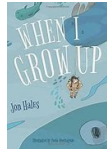
### Year 2

Know that images give information, Say what a pictogram is showing them

Put data into a program, Sort objects and pictures into simple lists or simple tables

Make a simple Y/N tree diagram to sort information, Create and search a branching database

## English



## Maths

**Year 1** – Addition & Subtraction within 10, Place Value within 20

**Year 2** – Addition & Subtraction, Multiplication & Division (recap)

## History

### Explorers

Make a timeline of famous explorers from the Tudor & Renaissance, Victorian & early modern, early 20<sup>th</sup> century, late 20<sup>th</sup> / early 21<sup>st</sup> century

Think about what explorers need when they go on an expedition, the things they need differ on where they are going. Compare what Christopher Columbus took on his expedition looking for Asia and Neil Armstrong's expedition to the moon

Spot the differences between CC and NA's vessels – think about what they would be made from, size and shape, how they are powered. Think about possible dangers. Compare the clothes they wore, the suitability and any dangers

Re-enact one of the historic journeys

## Music

### BBC Sonic Explorers

[EYFS Music: Sonic Explorers - BBC Teach](#)

**Sonic Explorer J travels to different locations to explore the many sounds that can be found**

He visits a jungle, garden, under the sea, a beach, a supermarket and prehistoric times as part of his quest to find new sounds

These video clips are designed to help children think about different sounds and how they relate to their environment.



## Art & Design

### Paint makers (painting)

Explore making your own paint. How did the first people make paint? What did they use to paint? Use their method and have a go at making cave paintings

Find different colours to have a go at making your own paint (berries, leaves, crushed shells, mud, spices)

Evaluate the success of your paint making.

## Explorers

Autumn 2 2023

## Design & Technology

### Simple circuits

Learn about everyday appliances that use electricity. Think about how the electricity gets to the appliance and how it works, some use mains power and some use batteries

Raise awareness about electrical safety and hazards

Look at battery operated toys, what can the toy do with batteries and without, why do some toys need more batteries than others.

Find the + and – sign on batteries, what does this mean

Explore simple circuits and have a go at making a light bulb turn on

## Geography

### Explorers

Go on an expedition around the school with explorer bear. Think about what an explorer would need to pack for their trip. Show a school grounds map and some key landmark to discover

Name the continents of the world and 5 oceans, then label the world map with the explorers (you have learnt about in history) to show where they explored

Look at a satellite view of the school and have children identify key features. Plot a journey around the school on your map. Look at Christ' Colum's map and explore 'dead reckoning'

Navigate Neil Armstrong's journey to the moon.

## RE

### Incarnation – Why does Christmas matter to Christians?

Christians believe that Jesus is God and that he was born as a baby in Bethlehem. The Bible points out that his birth showed that he was extraordinary (for example, he is worshipped as a king, in Matthew) and that he came to bring good news (for example, to the poor, in Luke)

Christians celebrate Jesus' birth; Advent for Christians is a time of getting ready for Jesus' coming.

## Heart Smart/RSE

Don't forget to let love in!

I am cubes

Trash or truth

Meaning of my name

Boundin

Heartbeat

Reflection

## Science

### Year 1

Naming everyday materials, Name and identify objects and the materials they are made from, Understand and explore the properties of varied materials, Test properties of different objects experiment, Sorting objects into groups based on their materials and/or properties

### Year 2

Identify varied materials used in our homes, Classify objects based on the material they can be made from, Recognise that some objects can be made from more than one material, Identify materials that objects are made from, Test and record the properties of different objects, Know a range of properties of materials, Understand how a material's properties make it more or less suitable for a particular object, Understand where different materials come from, Classify materials as being man-made or natural



## Computing

### Year 1 – Grouping & Sorting (Computer Science)

Sorting away from the computer/Sorting on the computer **Pictograms (Information Technology)** Data in pictures/Class pictogram/Recording results

### Year 2 – Spreadsheets (Information Technology)

Reviewing the use of spreadsheets/Copying, cutting, pasting and totals/Using a spreadsheet to add amounts/Creating a table and block graph **Effective Searching (Digital Literacy)** Understanding the internet & searching/Searching the Internet/Sharing knowledge of the internet & effective searching