Curriculum Flyer – Year 2

Texts:
- The Smartest Giant by Julia Donaldson
- That Rabbit Belongs to Emily Brown by Cressida Cowell
- Kids' Travel Guide - London: The fun way to discover London-especially for kids by Sarah-Jane Williams
- The Great Fire Of London **Emma Adams**

English:
Use a familiar story as a model to write a new story
- Read and answer questions about texts
- Role play the story using props
- Use subordinating conjunctions to add detail to sentences
- Create a new character and use expanded noun phrases to describe
- Use the familiar story as a model to write a new story involving our new character
- Use commas in a list and apostrophes in contractions
- Use the progressive form of verbs by adding the suffix -ing
- Form letters correctly, making sure there is a clear distinction between capital letters and lower case letters
- Edit writing using a purple polishing pen

Report
- Listen to, read and discuss a wide range of non chronological reports
- Identify the features of reports
- Use apostrophes to show possession and commas in lists
- Identify and use different suffixes
- Organise researched information under headings
- Write in clear sentences using correct punctuation
- Edit and revise using purple polishing pen

Maths:
Place Value
- Recognise the place value of each digit in a two-digit number (tens, ones)
- Partition numbers in different ways (e.g. 23 = 20 + 3 and 23 = 10 + 13 or 10 + 10 + 3 = 23)
- Use place value and number facts to solve problems

Addition and Subtraction
- Recall and use addition and subtraction facts to 20 fluently
- Add and subtract numbers within 100 using pictorial representations *(tens and ones)*
- Add 2 two-digit numbers using pictorial representations *(tens and ones)* and by partitioning e.g. 32 + 24 = 30 + 20 + 2 + 4 = 50 + 6 = 56
- Subtract 2 two-digit numbers using pictorial representations

Multiplication and Division
- Calculate mathematical statements for multiplication using arrays and for division by sharing equally between
- Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot using concrete objects and pictorial representations

Fractions
- Recognise, find, name and write fractions one third, one quarter, one half of a length, shape, set of objects or quantity

Science:
Uses of Everyday Materials
- Identify common materials (natural and manmade)
- Identify uses of common materials
- Identify properties of common materials
- Describe how scientists have invented new materials
- Carry out a simple investigation to find out which materials are waterproof
- Identify and compare the suitability of materials
- Explore how solid objects can be changed
- Understand how solid objects can be changed through recycling
- Describe how solid objects can be changed through recycling
- Suggest several reasons why a material may or may not be suitable
- Focus scientist: Charles Macintosh

Computing:
Exploring how computer games work:
Computational thinking
- Recap what algorithms are using Scratch
- Use logical reasoning to predict how a game works on Scratch
- Change the parameters of a game to create our own on Scratch
- *Scratch is a computer programme, which teaches children about algorithms and computer programming.*

Using technology to research a topic
- Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies
- Use safe search engines to retrieve information
- Present the information in PowerPoint or Google Docs

Design Technology
Wheels & Axles
- Explore a range of existing products
- Create mock up wheels, axles and chassis
- Design a vehicle based on design criteria
- Select from and use a range of tools and equipment to make a vehicle that moves
- Evaluate the vehicle against the design criteria

Art:
Drawing
- Learn about the work of Stephen Wiltshire
- Explore different line techniques using pens and pencils
- Draw a picture in the style of Stephen Wiltshire

Term: Spring Term (2022)
Year: 2

Britain and Beyond

Enrichment activities:
- Take part in a 'Great Fire of London' workshop
- STEM Focus week

History:
Events Beyond Living Memory- Great Fire of London
- Understand some of the ways in which we find out about the past
- Use secondary sources to find out more information about the Great Fire of London
- Order events in within a chronological framework
- Use parts of stories and other sources to retell the key events

Geography:
Local Geography – London
- Name and locate the four countries and capital cities of the United Kingdom and its surrounding seas
- Identify characteristics of the four countries and capital cities of the United Kingdom
- Use aerial photographs to recognise basic human and physical features

PE:
Ball skills
- Feet: Develop dribbling using our feet in order to keep control and possession of the ball.

Dance
- Explorers: Control and coordinate our bodies to perform movements that represent an explorer preparing for an expedition.

• Identify similarities and differences between ways of life in different periods	• Use simple compass directions and locational and directional language to describe the location of features and routes on a map • Devise a simple map and use basic symbols in a key	
Music: **Explore feelings through music** • Listen to pieces of music and identify rhythm patterns – long and short • Listen to pieces of music and identify melodic patterns – high and low • Create rhythms using word phrases	**PSHE:** **Dreams and Goals** • Draw things that we have achieved and draw a new goal • Consider how we can achieve our new goal • Discuss the importance of persevering when trying to achieve new goals	**RE:** **Special Places** • Describe and draw places which are special to us • Learn about the places that are special to Christians and Muslims (church and mosque) • Learn about special objects which can be found in a church (cross, font, bible)