

## Mathematics

- identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line
- identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces
- choose and use appropriate standard units to estimate and measure capacity (litres/ml) and temperature (°C) to the nearest appropriate unit, using scales, thermometers and measuring vessels compare and order volume and capacity and record the results using >, < and =
- calculate mathematical statements for multiplication and division within the multiplication tables and use the multiplication (×), division (÷) and equals (=) signs
- Decide which calculations are needed to solve a two-step word problem
- Explain clearly how a problem was solved
- Use estimation to check that our answers to a calculation are reasonable (e.g. knowing that  $48 + 35$  will be less than 100).
- Work out the missing number in a number sentence e.g.  $14 + \square = 35$ .
- Use partitioning and number bonds to add and subtract numbers mentally e.g.  $60 - \Delta = 52$  or  $35 = 20 + \Delta$
- Classify shapes by considering properties such as faces, edges, symmetry and begin to use right angles

### MENTAL MATHS:

- Know which pairs of numbers make 20
- Know all the pairs of multiples of 10 that make 100
- Know the doubles of all the numbers up to 20
- Know my 2, 5 and 10 times-tables and work out the division facts that go with them
- Subtract mentally a two-digit number from another two-digit number.

## Science

- Recognise that there are different kinds of plants and animals in the immediate environment
- Observe and make a record of animals and plants found
- Identify a number of common plants and animals
- Produce a record showing clearly the living things you saw and where they were found
- Understand that flowering plants produce seeds
- Observe and record the growth of seeds and make a day-by-day record of observations
- Recognise that seeds produce new plants
- Understand that animals reproduce and change as they grow older
- Understand the term "habitat" and that there are differences between local habitats
- Make predictions about the animals and plants found in different local habitats and to investigate these

## Computing

- Use the basic functions for operating a computer
- Use the internet for research
- Copy and paste pictures
- Combine text and graphics to communicate information
- Know that there are lots of different ways of finding information
- Understand how information was found in the past
- Be able to use search engines to find information on the internet

## R.E. and P.S.H.E

- Understand that many people have a place which is special to them and recognise that different faith communities have a place that is special to them
- Consider relationships in our lives - describing those who are important to us
- Understand that relationships change and that sometimes hard choices have to be made in our lives
- Feel proud of our friends and families, discuss jealousy and recognise that being unkind to others doesn't make us feel better

## P.E., Dance, Drama

- Learn a variety of country dances to prepare for The Kingston Country Dance Festival and the Maple Summer Fair
- Games involving dribbling, kicking and hitting
- David Mason (poet and actor) Year 2 drama workshop, developing story writing and setting descriptions

## Role Play

- Garden Centre

## Educational Visits

- Local Park to study plants and animals in the local environment

## English - Writing

### Vocabulary, Spelling and Punctuation

- Using co-ordination (or/and/but) and subordination (when/if/that/because) in our writing
- Recap spelling strategies including mnemonics, syllables, analogy, spelling base words and including suffixes
- Use sentences with different forms in our writing (statements, questions, exclamations, commands)

### Composition

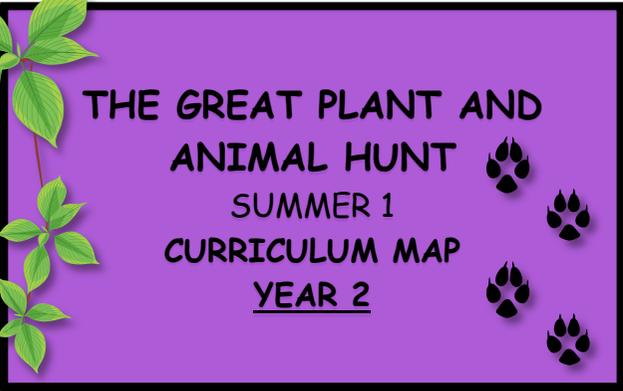
- Plan and write a story using a well-known tale as the basis
- Write an informative glossary
- Write instructions using key features
- Recognise and sequence a labelled diagram

### Handwriting

- Use the diagonal and horizontal strokes needed to join letters in some of our handwriting
- Write capital letters and digits of the correct size, orientation and relationship to one another and to lower case letters

## English - Reading

- Listen to, discuss and express our views about a wide range of contemporary and classic poetry, stories and non-fiction at a level beyond that at which we can read independently
- Find answers to questions using information we have read ourselves and give clear responses



## THE GREAT PLANT AND ANIMAL HUNT SUMMER 1 CURRICULUM MAP YEAR 2

## Art and Design

- Record from first-hand observation and experience
- Observe the colours, shades and tones that can be seen in a plant and use the appropriate art vocabulary
- Adapt sketches to create a design
- Represent observations and ideas, and design and make a paper collage
- Create a printing block from a design
- Review what we and others have done and say what we think and feel about it
- Think about differences and similarities in the work of designers