

Class 2, Summer Term 2018

Curriculum Outline

Overall Topic: **The World Around Us**

- **Maths:**

Year 1

Place Value Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. Count, read and write numbers from 1-100 in numerals and words. Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than, most, least. Given a number, identify one more and one less.

Number: Four Operations Represent and use number bonds and related subtraction facts within 20. Add and subtract one digit and two digit numbers to 20, including 0. Read, write and interpret mathematical statements involving addition (+) subtraction (-) and equals (=) signs. Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems. Count in multiples of twos, fives and tens. Solve one step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.

Measurement: Money Recognise and know the value of different denominations of coins and notes. Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems.

Measurement: Weight and Volume Compare, describe and solve practical problems for mass/weight [for example, heavy/light, heavier than, lighter than]; capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] Measure and begin to record mass/weight, capacity and volume.

Year 2

Number:

Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100. Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds.

Recall and use multiplication and division facts for the 2, 5, 10 multiplication tables and count in 3s and 4s. Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs. Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context. Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.

Measurement 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 & the number of hours in a day. Compare and sequence intervals of time.

Measurement Choose and use appropriate standard units to estimate and measure capacity (l/ml), mass (/kg) and temperature (oC) to the nearest appropriate unit, using thermometers and measuring vessels. Compare and order volume/capacity & record the results using >, < and =.

English:

Year 1 -

Reading - Develop pleasure in reading, motivation to read, vocabulary and understanding by listening to and discussing a wide range of poems, stories and non-fiction at a level beyond which he / she can read independently. Understand both the books he / she can already read accurately and fluently and those he / she listens to by checking that the text makes sense as he / she reads and correcting inaccurate spelling.

Writing - The children will write sentences by sequencing sentences to for short narratives. Write sentences by re-reading what he / she has written to check that it makes sense. Discuss what he / she has written to check that it makes sense. Use capital letters, full stops, exclamation marks and question marks to demarcate sentences in some of his / her writing.

Use a capital letter for names of people places, days of the week and the personal pronoun I.

Year 2 - Develop pleasure in reading, motivation to read, vocabulary and understanding by listening to, discussing and expressing views about a wide range of contemporary and classic poetry, stories and non-fiction at a level beyond that which he / she can read independently. The children will work in age appropriate books to achieve the following:

- read words accurately and fluently without overt sounding and blending, e.g. at over 90 words per minute
- sound out most unfamiliar words accurately, without undue hesitation.

In a familiar book that they can already read accurately and fluently, the pupil can:

- check it makes sense to them
- answer questions and make some inferences on the basis of what is being said and done.

Writing - The children will work to achieve the following skills:

- demarcating most sentences with capital letters and full stops and with some use of question marks and exclamation marks
- using some expanded noun phrases to describe and specify
- using present and past tense mostly correctly and consistently
- using co-ordination (or / and / but) and some subordination (when / if / that / because)
- segmenting spoken words into phonemes and representing these by graphemes, spelling many correctly
- spelling many common exception words
- spelling some words with contracted forms and using apostrophes
- adding suffixes to spell some words correctly in their writing

e.g. -ment, -ness, -ful, -less, -ly

- using the diagonal and horizontal strokes needed to join letters in some of their writing
- writing capital letters and digits of the correct size, orientation and relationship to one another and to lower case letters
- using spacing between words that reflects the size of the letters.

- **Geography:** Barnaby Bear and Our Local Area.

Children will be bringing a teddy home - please take the teddy to a place you visit in the local area in your spare time. There will be questions to answer in order to help develop your child's geographical understanding. We will also explore maps and Barkby village, as well as the surroundings of the school.

- **French:** The children will learn vocabulary about rooms/chambres eg. Salle de bain/bathroom, cuisine/kitchen etc.

- **ICT:** Instructions and Algorithms.

We will be developing an understanding of programming and the importance of using precise instructions in order to make computers work effectively.

- **Art:** Botanical art work linked to Science and plants; including work on Van Gogh. Collage work linked to work on materials.

- **Design and Technology:** Winding up Mechanisms - children explore, plan their own design, make and evaluate their own winding mechanism linked to work on plants growing. Structures eg. Bridges - explore, design, make and evaluate a bridge structure.

- **PSHCE:** Charities.

We will be learning about what charities are for, finding out their needs, then preparing and carrying out a plan to support them.

- **Science:** Plants - Children identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. They identify and describe the basic structure of a variety of common flowering plants, including trees. Over time, the children will observe and describe how seeds and bulbs grow into mature plants. They will carry out an experiment to investigate the conditions needed for germination and for a plant to grow and stay healthy.

Materials - The children will identify what a material is made from. They will identify, describe and name a variety of materials eg. wood, plastic, glass, metal, water and rock. They will describe the physical properties of some every day materials and group them according to their properties. The children will compare the suitability of materials to their specific uses. They explore how shapes of solid objects can be changed by squashing, bending, twisting and stretching.

- **Music:** The Long and Short of it.

We will be exploring notes of differing lengths and recapping on previous work related to rhythm and beat.

- **PE:** Fielding techniques, games and athletics covered by Mr Merrimen