Year Two   Term: Spring Term, 2nd half term 2020   **Topic Title:** The Rainforest

MATHEMATICS

Number and Place Value
Pupils will be taught to:
- 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 (tens and ones)
- Identify, represent and estimate numbers using different representations, including the number line
- Compare and order numbers from 0 to 100; use <, > and = signs.
- Use place value and number facts to solve addition, subtraction calculations and simple worded problems linked to work on money and giving change

Number: Addition and Subtraction
Pupils will be taught to:
Solve problems with addition and subtraction by:
- Using concrete objects and pictorial representations, including those involving numbers, quantities and measures.
- Applying their increasing knowledge of mental and written methods.
- Recalling and using addition and subtraction facts to 10 fluently e.g. 7 + 3 = 10, 10 – 3 = 7 etc.
- Relating number facts to 10 to adding and subtracting multiples of 10 within 100 e.g. 6 + 4 = 10, 60 + 40 = 100 etc.
- Recalling addition and subtraction facts to 20 e.g. 18 + 2 = 20, 20 – 17 = 3
Adding and subtracting numbers mentally, including:
- a 2 digit number and 1s e.g. 32 + 5 = or 45 – 3 =
- a 2 digit number and 10s e.g. 32 + 20 = or 45 – 30 =
- 2 simple, 2 digit numbers (not bridging 10) eg 25 + 23 = or 37 – 24 =
- adding 3 single digit numbers eg 7 + 5 + 3 =
- Know that addition of 2 or more numbers can be done in any order but subtraction cannot e.g. 9 + 3 + 1 = 13, 3 + 1 + 9 = 13
- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations e.g. 26 + 12 = 38, 38 – 12 = 26

Number: Multiplication and division
Pupils will be taught to:
- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using multiplication (x), division (÷) and equals (=) signs.
- Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.
- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.

Statistics
Pupils will be taught to:
- Interpret and construct simple pictograms, tally charts, block diagrams and simple tables
- Pupils will collate, organise and compare information to answer a question. E.g. Which month has the most birthdays? What is the most popular fairy story?
- Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.
- Ask and answer questions about totalling and comparing data. E.g. What is the most/least popular? How many more…? What is the total of…? What is the difference between…?