Year 3

Numeracy Term 1

Number:

- Add numbers within 50 using a number-line, recording horizontally.
- Know doubles to 10 + 10.
- Know components of 10.
- Find what must be added to a number to make 10.

Mental Addition

- Mentally add 1, 2 or 0 to any number, answers within 50.
- Mentally add a single digit to 10, using and explaining number patterns.

Subtraction.

- Subtract numbers within 50 using a number-line, using both counting back and counting on (difference) methods, recording horizontally.
- Understand wide range of language used to describe operations of addition and subtraction.
- Solve problems involving addition and subtraction, selecting the appropriate operation.
- Understand that addition and subtraction are inverse operations, and use to check calculations.

Mental Subtraction.

- Mentally subtract 1, 2 or 0 from any number, answers within 50.
- Mentally subtract a single digit from 10, using both counting back and counting on (difference) together with knowledge of components of 10.

Money

- Find the total of a mixed group of coins totals up to 50p (e.g. by starting with the highest value coins, or by grouping lower value coins into 10p piles).
- Understand relationships between coins up to 50p.
- Find different ways of paying exact amounts within 50p, e.g. using the least number of coins.

Shape & Space:

2D Shape/3D Shape

- Recognise and use mathematical names for increasing range of 2D shapes: square, circle, rectangle and triangle, pentagon, hexagon and octagon.
- Describe the properties of known 2D shapes using appropriate mathematical language: sides and corners.

Measure:

Length

- Estimate and measure length using non-standard units (including parts of the body).

Weight

- Estimate and measure weight using non-standard units.

Capacity

- Understand that capacity is a measure of how much a container can hold when full.
- Estimate and measure capacity using non-standard units.

Area

- Understand that area is a measure of how much space a surface covers.
- Estimate and measure area using non-standard units, understanding that they should leave no gaps.

Time

- Know the correct sequence of the days of the week
- Be able to say what day it is to-day, yesterday, tomorrow.
- Know there are 12 months in a year.
- Know the correct sequence of the months of the year.
- Be able to say what month it is this month, last month, next month.
- Understand and use o'clock and half past: analogue and digital time.
- Calculate durations involving hour and half past start and finish times.

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Handling Data:

Carroll and Venn Diagrams

- Use two given criteria Carroll and Venn Diagrams to sort for negation, explaining completed diagram (e.g stating how many coins were silver but not round)

Tables

- Collect information relevant to a topic and record in a table.