## THE ORATORY PREP SCHOOL

## Maths Information

## We will cover

- Scheme of work
- Assessment
- Vocabulary
- Key methods taught \& equipment used
- Useful websites and Apps


## Scheme of work

As a school we use White Rose Maths as a guide for our maths teaching. This is then supported by a number of other schemes such as Hamilton, Abacus and Maths on target.

In Year 2, the children learn through a spiral scheme, covering all areas multiple times, with each visit deepening their understanding.

|  | Week 1 | Week 2 | Week <br> 3 | Week 4 | Week 5 | Week 6 | Week <br> 7 | Week 8 | Week <br> 9 | Week 10 | Week <br> 11 | Week <br> 12 | Week 13 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Michaelmas | Place value | Addition and CAT4 testin | subtraction <br> (week 2) | 2D shapes and symmetry | Comparing and ordering numbers | Fractions | 5 times tables <br> Half term assessment | Money | Time o'clock and half past | Doubling and halving | Measuring: Length | Data: Tally graphs <br> End of term assessment | Christmas themed maths |
| Lent | Place value | Fractions quarters | Time quarter to and past | Addition and | subtraction | 3D shapes <br> Half term assessment | Measure Mass | Multiplicatio <br> $n$ - counting <br> in 3 s | $\begin{gathered} \text { Temperatur } \\ \mathrm{e} \end{gathered}$ | Data: Pictograms |  |  |  |
| Summer | Symmetry and Pattern | Addition and | ubtraction | Time duration <br> PTM assessment | Fractions thirds \& equivalent | Measure volume | Multiplicati | \& division | Data: block diagrams | End of Year transition work |  |  |  |

## Assessment

So as to monitor the children's progress they will have half termly and end of term tests, assessing their understanding of the areas covered and providing us with a clear picture in their knowledge.
The children will also have a weekly mental arithmetic test, which will develop their understanding of vocabulary and application of their in class learning to a 10 question weekly test.
In addition, the children complete a PTM test in May 2023, giving them a standardised score (a score indicating where they stand nationally, against their age)

## Vocabulary

| + |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Add | Subtract | Minus | Multiply | Malve |

These are the key methods that we use to help teach the students new concepts. As you can see we teach them a range of different approaches to allow them to which method they prefer.

Skill: Add three 1-digit numbers



## Equipment

- Number line
- Number square
- Dienes blocks
- Numicon
- Number fan
- Ten frame
- Counting beads
- Weighing scales
- Rulers
- Tape measures
- Beads
- Mini clocks
- Shapes



## Websites and Apps

## Websites

- TT Rockstars - website and app available
- Maths shed
- Hit the button
- Topmarks
- Speedboat Addition \& Subtraction
- Nrich games
- BBC Maths games



## Apps

- Squeebles (times tables)
- Math Bingo
- Numberblocks
- Monster Maths
- BeeBots
squeebles Times Tables


