

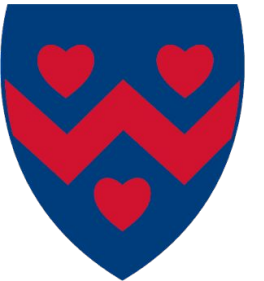
THE ORATORY
PREP SCHOOL

Maths Information

Year 1

We will cover

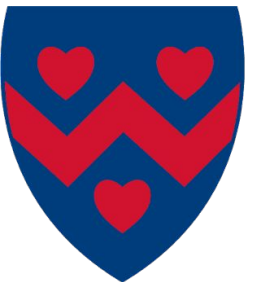
- Scheme of work
- Assessment
- Vocabulary
- Key methods taught & equipment used
- Useful websites and Apps



Scheme of work

As a school we use White Rose Maths as a guide for our maths teaching. This is then supported by a variety of resources that we have reviewed and feel suitable for the needs of each individual pupil.

In Year 1, the children cover the following areas...



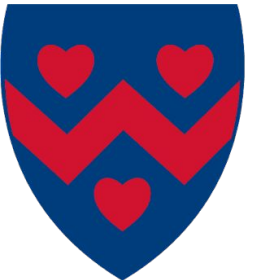
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Michaelmas	PLACE VALUE (within 10)				ADDITION AND SUBTRACTION					SHAPE		PLACE VALUE (within 20)	
Lent	ADDITION AND SUBTRACTION (within 20)			PLACE VALUE (within 50)			LENGTH AND HEIGHT		WEIGHT AND VOLUME				
Summer	MULTIPLICATION AND DIVISION		FRACTIONS		POSITION AND DIRECTION	MONEY	TIME		PLACE VALUE (within 100)				

Assessment

In order to monitor the children's progress they will have end of unit and end of term tests, assessing their understanding of the areas covered and providing us with a clear picture in their knowledge. These are very low key and the children refer to them as quizzes.

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)

Of course we recognise that more formal assessments do not always reflect the true ability of child and therefore we use our own judgement on a day to day basis.



Vocabulary

+

Add
Addition
Plus
Total

-

Subtract
Minus
Take away
Difference

x

Multiply
Multiple
times
double

Other

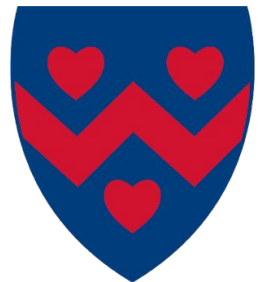
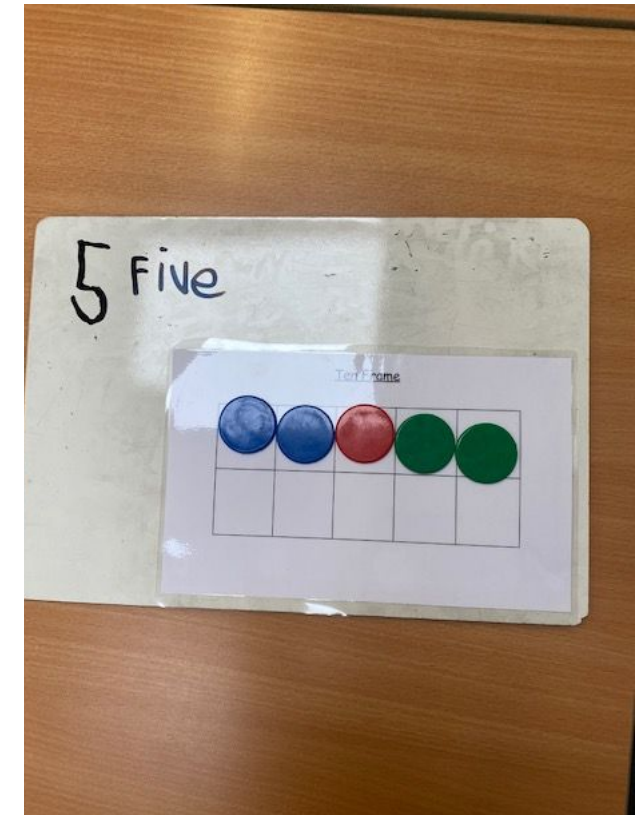
Halve
Group
share
Divide
Division

Hundreds
Tens
Ones
Partition
Bonds



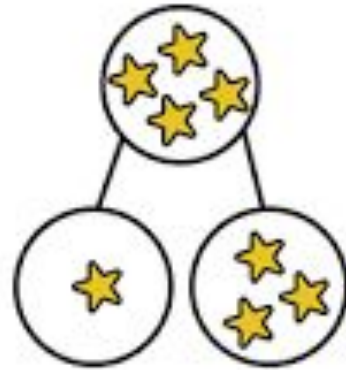
Key methods

During the children's progression in maths as they move up through the school and key stages, they are introduced and taught a variety of methods and approaches. These range from use of tactile items such as blocks through to mental and written methods to perform calculations.



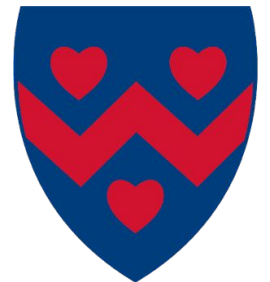
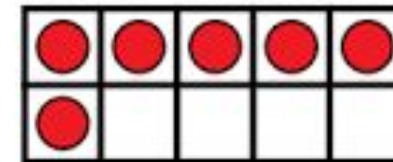
Equipment

- Number line
- Number square
- Dienes blocks
- Counters
- Multilink cubes
- 10 frame
- Part-whole model
- Numicon
- Beads
- Mini clocks
- Shapes



100 Square Grid

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Websites and Apps

Websites

- Topmarks
- BBC Maths games
- Hit the button

Apps

- Numberblocks
- Monster Maths

