

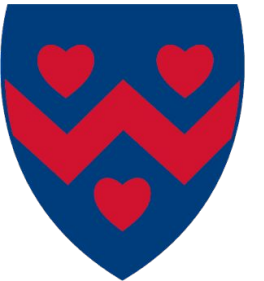
THE ORATORY PREP SCHOOL

Maths Information

Year Reception

We will cover

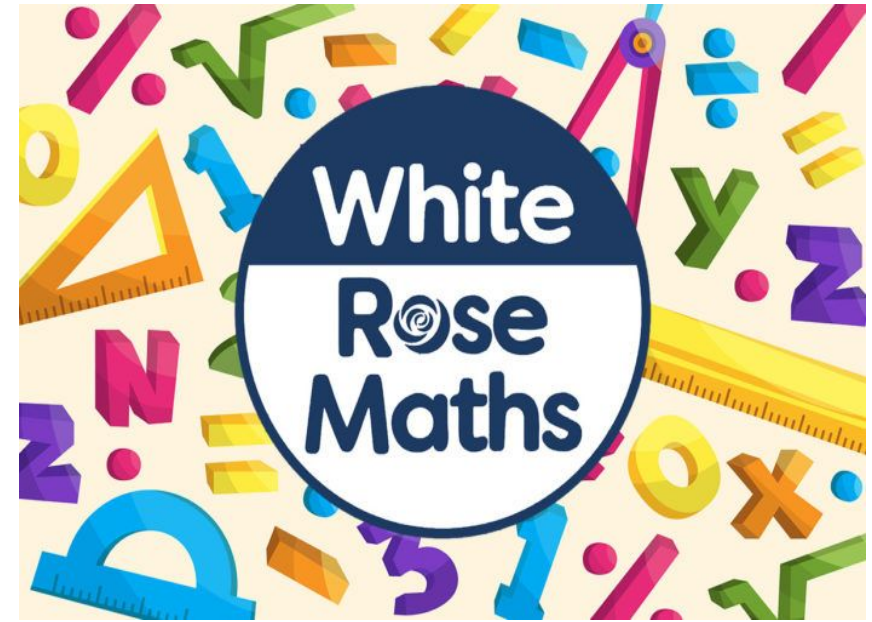
- Scheme of work
- Assessment
- Vocabulary
- Key methods taught & equipment used
- Useful websites and Apps



Scheme of work

As a school we use White Rose Maths a guide for our maths teaching. This is then supported by practical activities and often carried out through play and exploration.

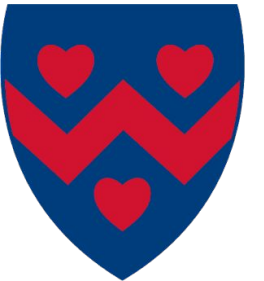
In Reception, the children learn in phases that allows for flexibility and consolidation. Each phase focuses on a number as well as shape, measure and spatial thinking.



	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	Baseline Assessment Getting to Know You - routine		Match, Sort & Compare		Measure and Patterns		Representing, Comparing and Composition of 1,2,3		Circles and Triangles	1,2,3,4,5		Shapes with four sides	Consolidation/ Assessment
Lent	Introducing Zero Comparing Numbers to 5 Composition of 4 & 5 Compare Mass & Capacity			6, 7 & 8 Making Pairs Combining 2 Groups Length & Height Time			9 & 10 Comparing numbers to 10 Bonds to 10 3D Shape & Pattern			Consolidation/ Assessment			
Summer	Building Numbers & Patterns Beyond 10 Spatial Reasoning Match, Rotate & Manipulate			Adding More Taking Away Spatial Reasoning Compose & Decompose			Doubling Sharing & Grouping Even and Odd Spatial Reasoning Visualise & Build			Deepening Understanding Mapping			

Assessment

Initially children complete a baseline assessment and although they are assessed every half term we use our own judgements of what we see on a daily basis.



Vocabulary

+

Count
More Than
Add
All Together

-

Less Than
Take away

x

Double

=

All together
Total

Other

Half
Full/ empty
long/ short
longer/ shortest



Key methods

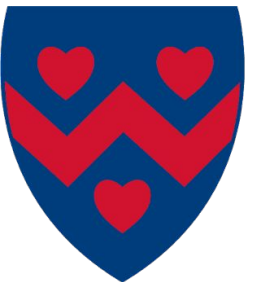
During the children's progression in maths as they move up through the school and key stages, they are introduced and taught a variety of methods and approaches. These range from use of tactile items such as blocks through to mental and written methods to perform calculations whilst developing their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

In Reception children learn Maths best when:

Maths is practical

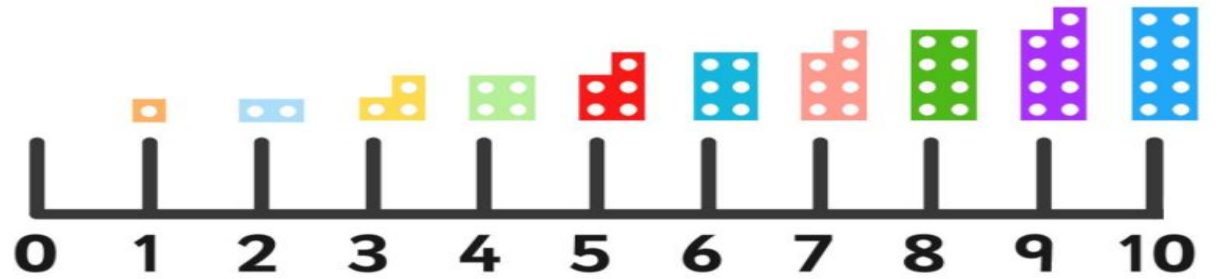
Maths is fun

Maths is used as part of their own play or a game.



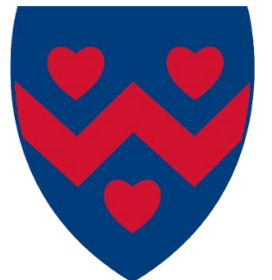
Equipment

- Number line
- Number square
- Multi link cubes
- Numicon
- Beads
- Mini clocks
- Shapes
- Dice
- 10 Frame

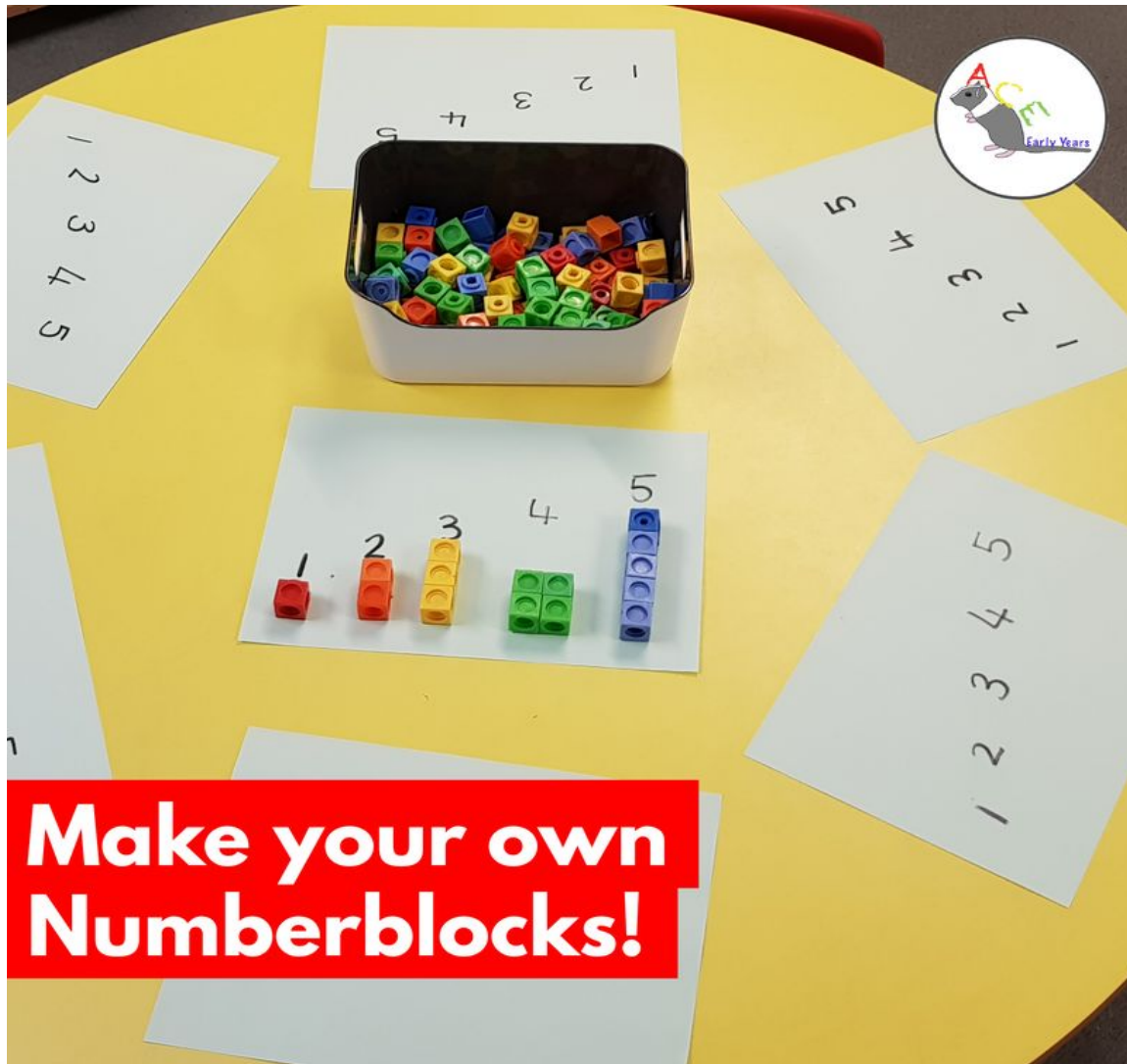


●	●	●	●	

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

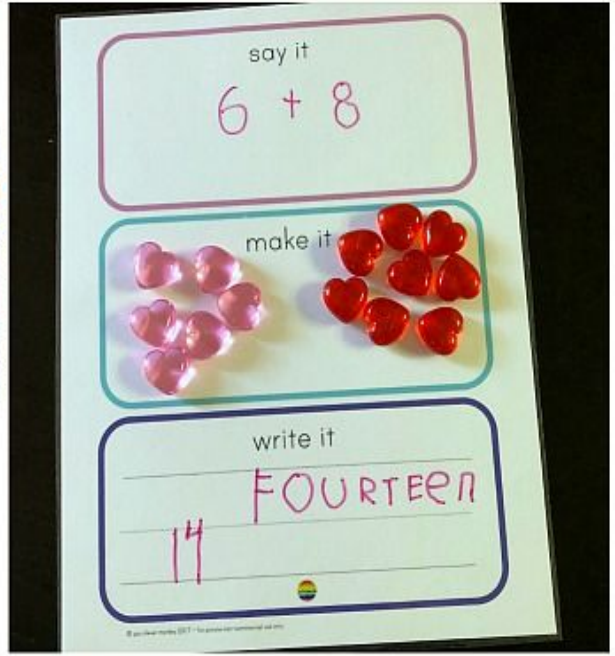


What Maths looks like in Reception





Building 3D Shapes



Simple addition



How can you help at home?

- Out and about: Which shapes or numbers can you see? Number plates, numbers on buses etc are great for this. -
- Counting everything e.g. items in a shopping basket, coins
- Singing number rhymes
- Spotting patterns- what will come next?
- Baking – support your child in reading numbers for ingredients, counting spoon fulls into a bowl, timing the baking of cakes etc.
- Using what you have at home e.g. pasta, chalks to practice number formation

Websites and Apps

Websites

- CBeebies Maths games
- Oxford Owl Maths
- Topmarks

Apps

- Numberblocks
- Squeebles Maths Race

