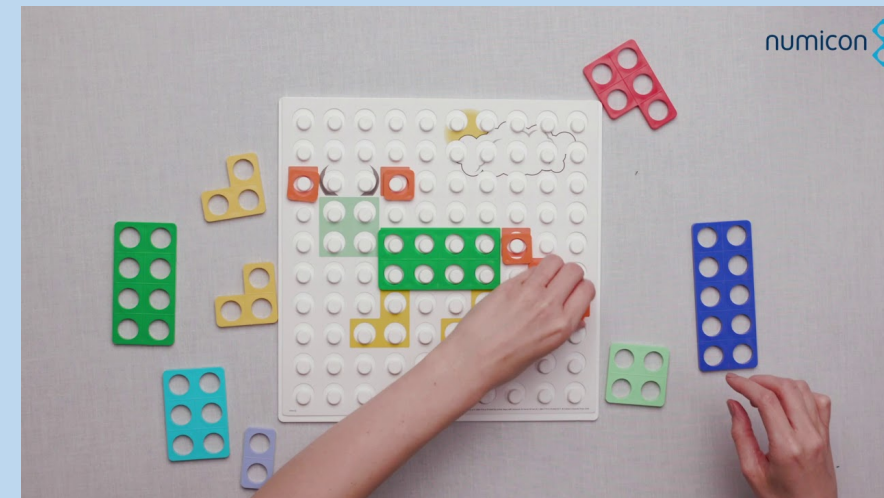


Reception Maths

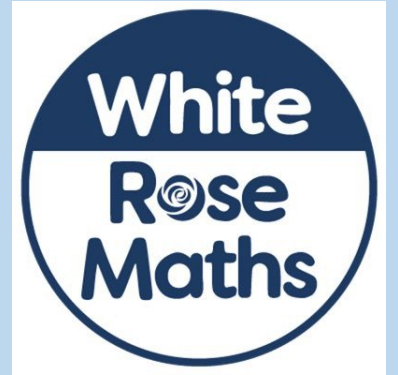
7th October 2021

Today's talk

- What do we do in school?
- What does the curriculum look like?
- Useful resources – Physical, books and websites
- How you can help at home



The curriculum in school



- White Rose scheme of learning:

“Adopting a White Rose Maths approach to teaching means making sure all children have the same opportunities to learn and the support they need to fully grasp concepts.” White Rose

- Number blocks scheme alongside White Rose
- Mastery, reasoning and problem solving
- Books

The Early Years Foundation Stage curriculum

Development Matters

Mathematics Statements

- Count objects, actions and sounds.
- Subitise.
- Link the number symbol (numeral) with its cardinal number value.
- Count beyond ten.
- Compare numbers.
- Understand the 'one more than/one less than' relationship between consecutive numbers.
- Explore the composition of numbers to 10.
- Automatically recall number bonds for numbers 0-5 and some to 10.
- Select, rotate and manipulate shapes to develop spatial reasoning skills.
- Compose and decompose shapes so that children recognise a shape can have other shapes *within* it, just as numbers can.
- Continue, copy and create repeating patterns.
- Compare length, weight and capacity.

Early Learning Goal

Mathematics

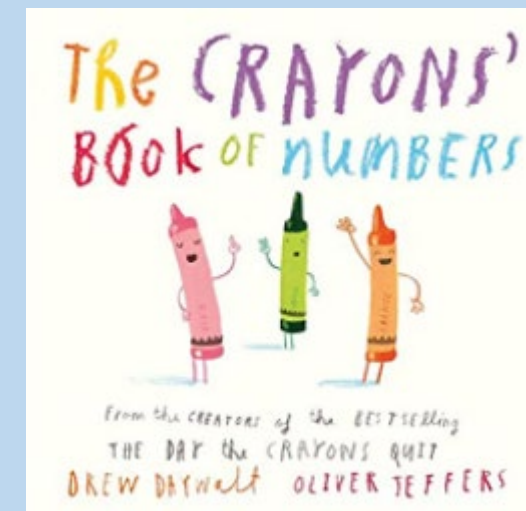
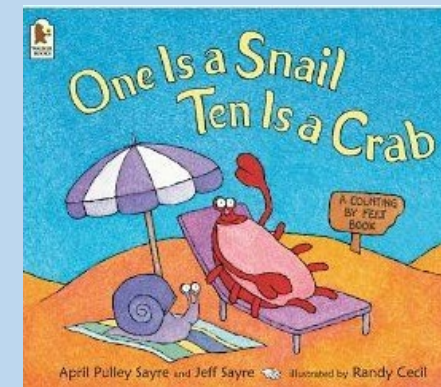
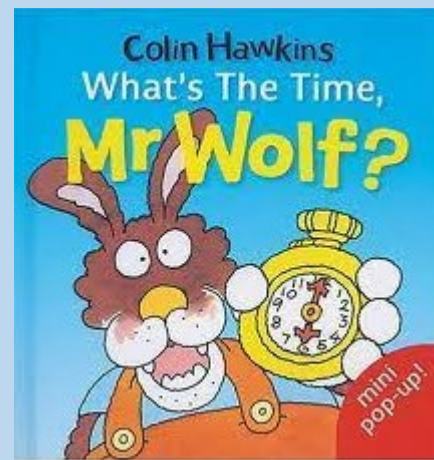
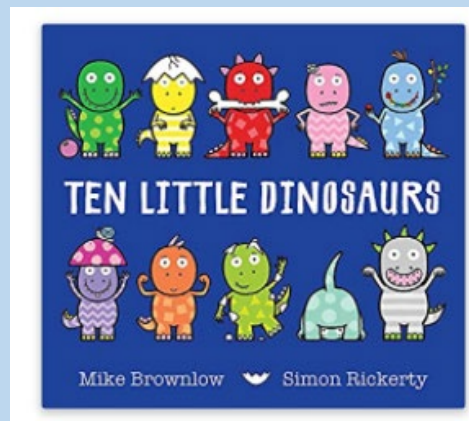
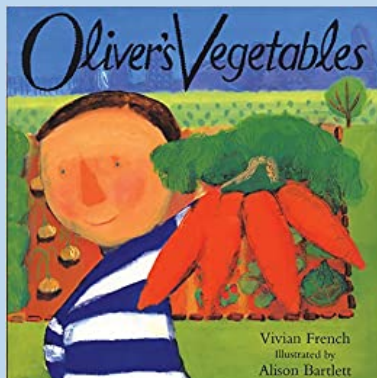
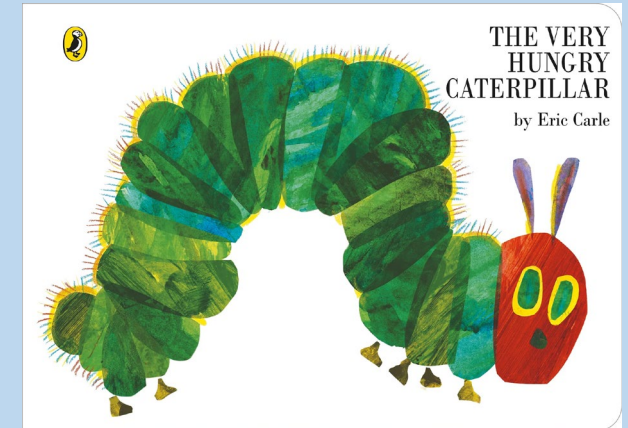
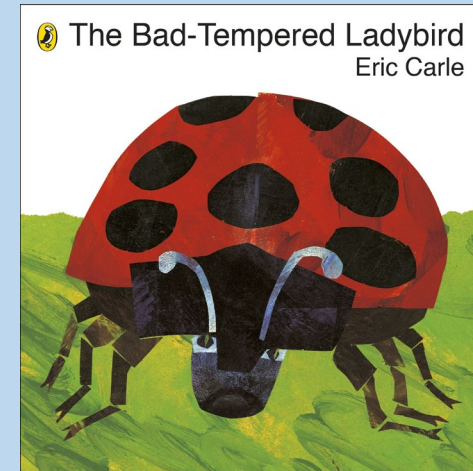
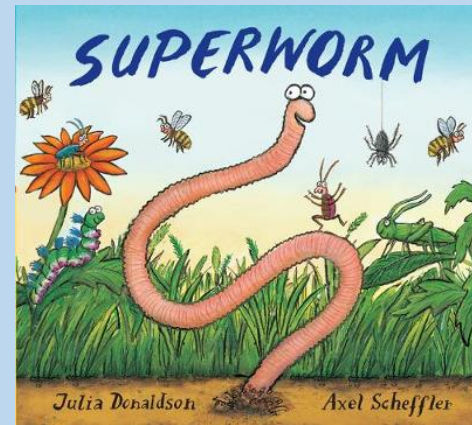
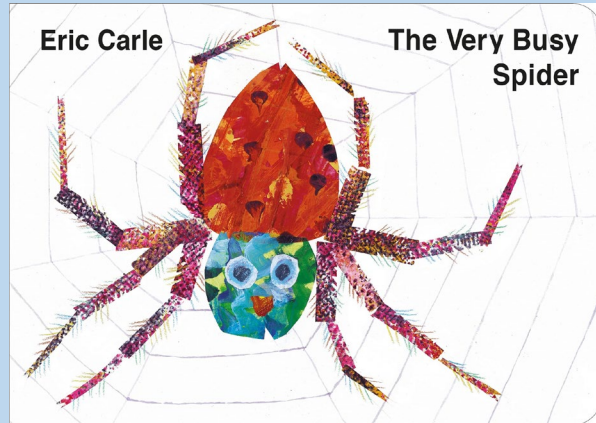
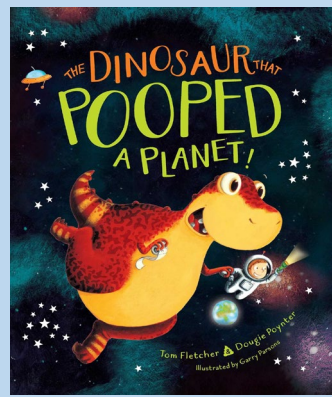
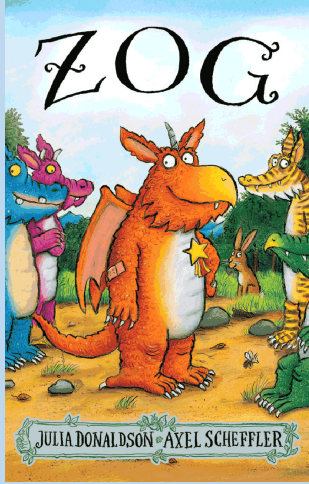
Number

- Have a deep understanding of number to 10, including the composition of each number.
- Subitise (recognise quantities without counting) up to 5.
- Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.

Numerical Patterns

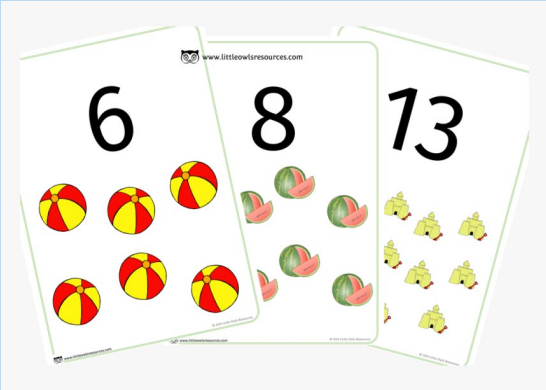
- Verbally count beyond 20, recognising the pattern of the counting system.
- Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.
- Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.

Maths books





Physical resources



How you can help at home



Number formation

- Model number writing and reading in different ways: Lists, tracing, birthday cards, buses, front doors, recipes, in books, phones
- Number hunts
- Write in sand, with your finger on the carpet, paint, make numbers with play dough, on a whiteboard, on paper, post it notes, on a tablet

How you can help at home?

Counting

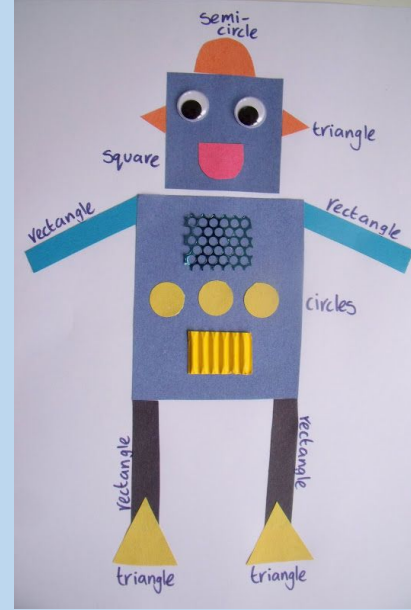
- Counting – in everyday conversation, in play, steps, brushing teeth, toys in the bath, tidying toys
- Subitising – with teddies, spoons, socks
- Ordering numbers – flashcards, post it notes, lining up toys
- Number bonds – in the car, with teddies/toys
- Addition and subtraction – include it in everyday conversation, cooking



How you can help at home?

Shape and measure

- 2D and 3D shapes – in everyday conversation, shape hunts, shape pictures
- Patterns – ordering objects and toys, clapping/body percussion
- Weight, length, capacity, time – language focus whilst cooking, in the bath, in the sandpit, pouring drinks, talking about routines



How you can help at home?

Games

- Snakes and ladders
- Board games
- Card games – snap, pairs
- Number hunts
- Hide and seek
- Bingo
- Link it to fine motor activities
- Counting songs



How you can help at home?

Link to school



Tapestry

- Teachers may leave comments linked to how you child found an activity in school and how you can help further at home
- Add observations if you have completed work or any activity at home
- Add comments to an observation if you need support or clarification with an observation

Weekly overview

- 'At home you may like to ...'
- Homework – from the Spring Term

Useful websites



<https://www.topmarks.co.uk/maths-games/hit-the-button> - Quick fire maths

<http://www.mathsphere.co.uk/resources/MathSphereSampleWorksheets.htm> - Printable maths worksheets, free resources, fun and games.

<https://www.mathsisfun.com/> - A range of maths games.

<https://www.busythings.co.uk/> - Username: tap. Password: Pat. Very popular with all of our children!

<https://www.bbc.co.uk/cbeebies/games> - The games cover the whole curriculum and are tablet friendly.

<http://www.crickweb.co.uk/> - Activities focusing on Maths and Literacy. Free to use

<https://www.pinterest.co.uk/> - While Pinterest isn't a learning website as such, it is nonetheless an absolute treasure trove of resources if you would like an activity for your child that isn't screen based. Pinterest has so many investigative activities that you can make at home, some beautiful art activities and fine motor activities. Type 'eyfs' or 'for kids' after your search. For example 'numbers to 10 for kids' or 'shape patterns for kids'

<https://www.youtubekids.com/> You can search for a wide range of videos on number bonds, shapes, counting, phonics, Alphablocks, Number Jacks etc. 'Art for Kids' and 'Cosmic Yoga Kids'.

<https://www.bbc.co.uk/bitesize/articles/zks4kmn?fbclid=IwAR357cwmtmUmaOnHhRVPR5Az4k5OvKP6lrsYs9ZoYAadD5nfcOLzz0GHbCI> BBC bitesize has lots of links to activities, games and videos all about maths and other areas of the curriculum