

Maths Resources/links

Please find below a list of resources/links that may assist you with supporting your child with their learning in Maths.

Maths Calculation Policy

On the school website you can find the school's Maths Calculation Policy:

<https://www.sparsholt.hants.sch.uk/web/maths/335598>

The calculation policy outlines the methods that we teach children as they progress through the school to help them to solve calculations for each of the four operations (Addition, Subtraction, Multiplication and Division).

As the methods and strategies have changed significantly over the last few decades – it would be a useful document for all parents to look at when trying to support children's learning at home.

<p>Addition</p> <p>YEAR 1</p> <p>VOCABULARY: number bond, add, more, and, more, in the same as, join, take, altogether, equally, one more, two more, ten more, one less, two less, one more than, two more than, ten more than, one less than, two less than, ten less than.</p> <p>Method: Children will use number tracks and prepared number lines to help solve addition stories or number sentences (with both concrete and pictorial representations).</p> <p>Children will be taught: number bonds to ten (including adding two digit and one digit numbers) using concrete and pictorial resources as well as mental number lines.</p> <p>Children will solve one-step addition problems using concrete resources or pictorial representations.</p>	<p>Addition</p> <p>YEAR 2</p> <p>VOCABULARY: add, more, and, more, in the same as, join, take, altogether, equally, one more, two more, ten more, one less, two less, one more than, two more than, ten more than, one less than, two less than, ten less than.</p> <p>Method: Children will use concrete objects and pictorial representations to solve addition stories or number sentences (with both concrete and pictorial representations).</p> <p>Children will be taught: number bonds to 100 (including adding two digit and one digit numbers) using concrete and pictorial resources as well as mental number lines.</p> <p>Children will solve one-step addition problems using concrete resources or pictorial representations.</p>	<p>Addition</p> <p>YEAR 4</p> <p>VOCABULARY: add, increase, more, make, sum, inverse, column addition, total, altogether, one more, two more, ten more, one hundred more, one thousand more, one less, two less, one hundred less, one thousand less.</p> <p>Method: Using column addition, children will add several numbers of increasing complexity.</p> <p>Children will use the formal written column method to add several numbers with different numbers of decimal places (including using 0 as a place holder).</p> <p>Children will learn to add fractions and mixed numbers with different denominators using the concept of equivalent fractions.</p>	<p>Addition</p> <p>YEAR 5</p> <p>VOCABULARY: add, increase, more, make, sum, inverse, column addition, total, altogether, one more, two more, ten more, one hundred more, one thousand more, one less, two less, one hundred less, one thousand less.</p> <p>Method: Children will use formal written column method to add two numbers with more than 4 digits (including ones that involve boundary exchanges).</p> <p>Children will use the formal written column method to add numbers with both the same and different numbers of decimal places (including using 0 as a place holder).</p> <p>Children solve multi-step written problems by choosing the most effective strategies and/or methods.</p>
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Above are some extracts from the Maths Calculation Policy for Addition.

BBC Bitesize

<https://www.bbc.co.uk/bitesize/primary>

The BBC have some wonderful resources that can support learning Maths at home including videos, activities and games.

What is a number line?

What is a number line? Watch the video to learn what a number line is, and how to use it.

6 + 3 = 9

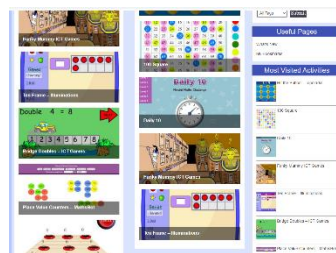
A number line can be used to add and subtract. Watch the video to learn what a number line is, and how to use it.

Photograph courtesy of iStockphoto.com

Maths Zone

<https://mathszone.co.uk/>

This site provides links to lots of different maths activities including 'Hit the Button' which the children love to play.



Top Marks

<https://www.topmarks.co.uk/maths-games>

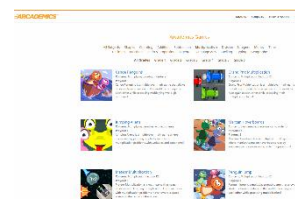
Top Marks is another really useful site that provides games and activities to help consolidate and practise maths skills.



Arcademics

<https://www.arcademics.com/games>

This site offers lots of different maths games to consolidate and practise maths skills.



Please also don't forget the following Maths resources that children have logins for and can access at home.

MyMaths <https://www.mymaths.co.uk/>



Times Tables Rock Stars (KS2)

<https://trockstars.com>



NumBots (KS1)

<https://numbots.com/>



Please don't hesitate to contact the school if you need any further support or guidance.