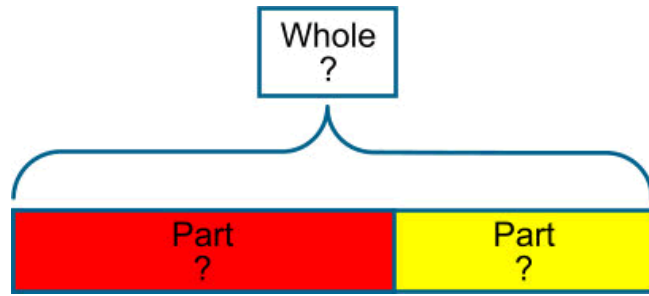




Maths Support Strategies



Bar Model

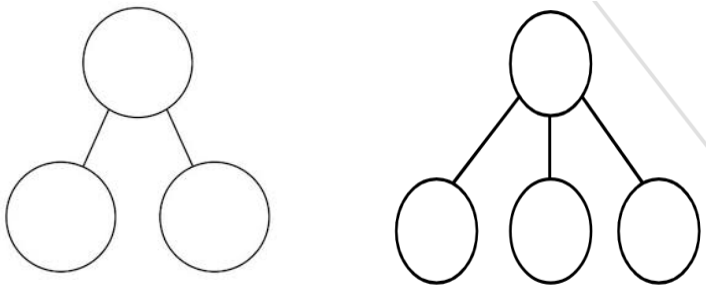


The Bar Model is used to demonstrate how numbers can be partitioned either in different ways or total to a certain amount. They can be used for addition, subtraction, multiplication and division as well as applied to fractions and decimals and can get as complex as you like!

You can give all information, or just some to challenge your child how best to get to the total.

These models are used regularly in maths lessons at school.

Part-whole Model



The Part-Whole model shows how to partition an amount into 2 (or more) smaller amounts. They are useful in securing number bonds and times tables but also can be a way of supporting multiplication for larger amounts

e.g. $76 \times 9 = 70 \times 9 + 6 \times 9$

Multiplication Grids

1	2	3	4	5	6
2					
3					
4					
5					
6					

X	5	4	12	1	11	3
4						
11						
3						
1						
9						
6						

X	9	6	8	
	54			
			0	
3		18		
2				14

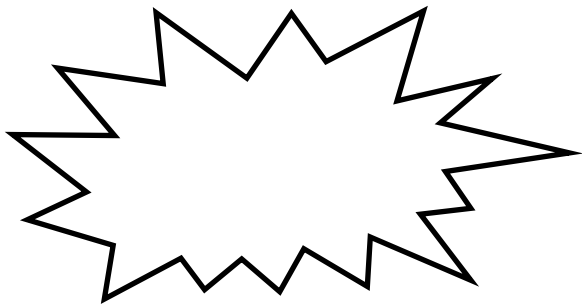
In order

Out of order

Inverse operations

Multiplication grids can be calculated and/or marked with a child to secure multiplication facts. You could challenge your children by timing them or competing against them. Many templates can be found online.

If I know...



An 'If I know' bubble allows a child to make links to Maths they already know to help solve Maths calculations they think they don't know!

For example-

If I know my multiplication for the 3 x table, I know it for the 6s or If I know the addition, I also know the subtraction. This can then be displayed or referred back to for support.

Dos	Don'ts
Ask open-ended questions (where there is no right answer)	Say things like 'I'm bad at Maths, you take after me!'
Show that you make mistakes in your maths too	Set a rigid timetable for extra homework – it squeezes all the fun out of it
Create low stakes opportunities to use Maths in every day life.	Panic.
Refer to your child's Year Group curriculum map for guidance and preparation	Forget to celebrate successes

Make Maths fun– take it into real life.

Ask your child to:

- * Calculate the change or the cost of shipping items
- * Guess how many metres it is to the end of the road
- * Estimate length of time for a cake to cook
- * Find the difference in height between you both
- * Find 10 more and 10 less things beginning with the letter 'P'
- * Find a sum in a car registration plate

Useful Websites and Games

Times tables

<http://www.percyparker.com/>

<http://www.timestables.co.uk>

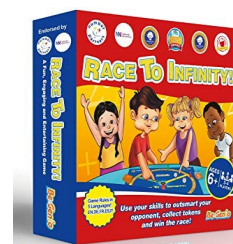
Maths in general:

<https://www.busythings.co.uk/>

<https://www.mathplayground.com>

www.topmarks.com

www.mathsframe.co.uk



Race to Infinity



dominoes



Uno



Spelling Support Strategies



Draw the word

Drawing the shape of the word (around it) or an image of what the word represents can help a child to remember it.



Tick the correct letters

Encourage your child to make a good attempt at a word, breaking it down into parts, remaining positive at the attempts made to spelt the word correctly.

✓✓✓ ✓✓
Appresheate

✓ ✓✓
exgerate

Highlight the wrong bit in a different colour

Knowledge

becoze

By focusing on the tricky letters, your child will begin to pattern spot where mistakes are being made.

Be an example

- * Spell a word as you say it
- * Share acronyms you use to remember how to spell a word
- * Make up funny/ silly acronyms together
- * Draw a line under a word if you don't know the spelling and use a dictionary
- * Guess the definition together then look it up
- * Time each other to find a word in the dictionary

Games and websites

- * Scrabble—words and meaning
- * Boggle— how many words can you make from these 10 letters?
- * Wordsearches
- * Cross words for kids
- * Hangman
- * <https://www.topmarks.co.uk/english-games/5-7-years/words-and-spelling>
- * <https://spellingframe.co.uk/>
- * www.spellzone.co.uk



Reading Support Strategies



1 line each

Reduce the pressure and read one sentence or paragraph each of a book to make your child engage in their reading.

Make it real

If possible, connect the book you're reading to real life experiences, trips, comics, movies or even create a scene together at home.

Put it in the timetable (subtly!)

Make time for reading together– before bed or while you're cooking dinner are great times to stop and enjoy time together and a book too. If you make the time, your child will too. And if you miss a day– don't worry, there's always tomorrow.

Any reading is good reading

Whether it be a cereal packet, a recipe book, the back of a DVD case or a poetry book– all reading is good reading. Celebrate different styles and compare or find links between texts– this is a key skill that will be useful in school.

Ask the right questions

- * Why do you think the character did that?
- * What would you have done?
- * Did you like the ending? Why/why not?
- * Which word would you have chosen?
- * Tell me three things that happened in that chapter
- * Find me three words that tell me its night time/ cold/ the character is feeling sad

Games and websites

- * Audio books are a great tool! Wokingham library have hundreds on offer that you have access to when you join
- * Cover up words in a text/book– can you guess what they are?
- * Cut up a page (or a photocopy of one) and try and put it back together again
- * <https://www.topmarks.co.uk/english-games/7-11-years/reading>
- * <http://www.primaryhomeworkhelp.co.uk/literacy/>
- * <http://www.funenglishgames.com/readinggames.html>