

How can I support my child
with Maths?

24th November 23

Mathematics at St Thomas'

- Every child to develop an understanding and love of maths
- Prioritise mastery of conceptual understanding
- Explore accessible everyday, real life problems
- Recall and application of knowledge to solve problems
- Relational understanding

Our Research driven approach

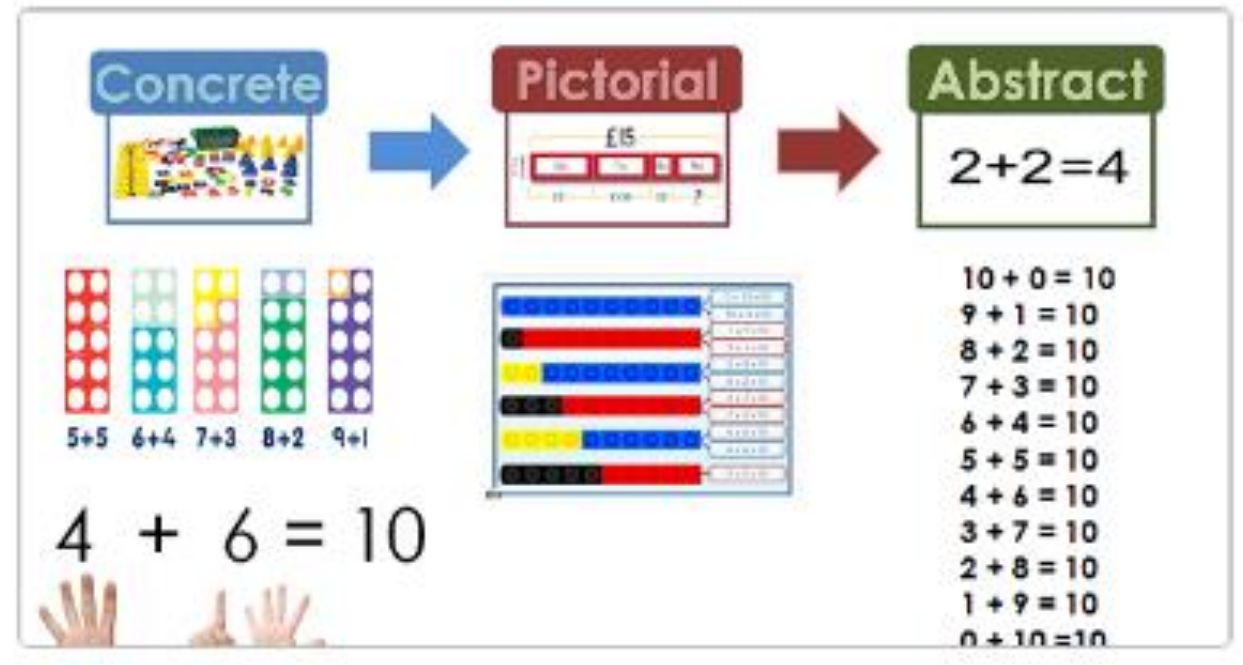


<https://hub.mathsnoproblem.com/academy/series/basics-explained/basics-explained-the-proven-theories-behind-singapore-maths-teaching>



What does a Maths lesson look like at St Thomas'?

- Explore
- Master
- Guided Practice
- Workbooks



CPA Approach



Date: 7.9.23

Chapter & Lesson: 1.1



Thinking like a Mathematician

Can I read and write numbers up to 10 000 000?

Explore

The population of Lithuania is 2 713 406.
What are the different ways we can show this number using place value?



Evaluation

• I used this because.....



This is the quickest because.....



This is the clearest because.....

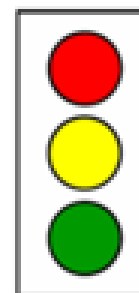


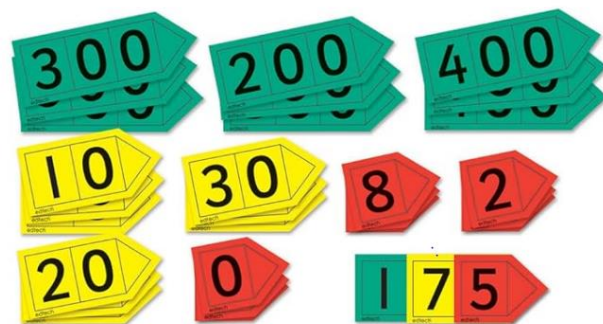
This is my favourite because.....



This is the most efficient because.....

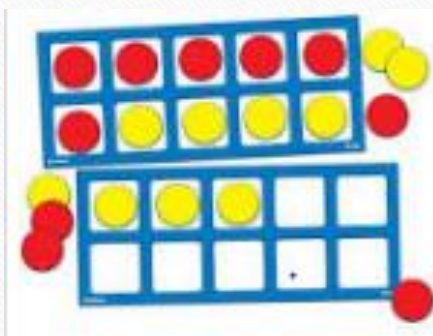
Assessment





S

1											
$\frac{1}{2}$				$\frac{1}{2}$							
$\frac{1}{3}$			$\frac{1}{3}$				$\frac{1}{3}$				
$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$		
$\frac{1}{5}$			$\frac{1}{5}$			$\frac{1}{5}$			$\frac{1}{5}$		
$\frac{1}{6}$			$\frac{1}{6}$			$\frac{1}{6}$			$\frac{1}{6}$		
$\frac{1}{8}$		$\frac{1}{8}$	$\frac{1}{8}$		$\frac{1}{8}$	$\frac{1}{8}$		$\frac{1}{8}$	$\frac{1}{8}$		$\frac{1}{8}$
$\frac{1}{10}$		$\frac{1}{10}$	$\frac{1}{10}$		$\frac{1}{10}$	$\frac{1}{10}$		$\frac{1}{10}$	$\frac{1}{10}$		$\frac{1}{10}$
$\frac{1}{12}$		$\frac{1}{12}$	$\frac{1}{12}$		$\frac{1}{12}$	$\frac{1}{12}$		$\frac{1}{12}$	$\frac{1}{12}$		$\frac{1}{12}$



Resources

- Resources for all- deepens conceptual understanding
- Visualisation- ‘imagine in your mind what your eyes can’t see’
- Focus is on developing conceptual understanding

Top Tips for helping with Maths at home

- Talk about maths, make it a part of everyday life, look for maths everywhere
- Be enthusiastic about maths- numbers, shapes, problems etc
- Use real life problems to do maths
- Use resources to help solve problems
- Ask open ended questions: Show me.... Can you prove it.....? Are you sure.....? How do you know.....?
- Use Maths vocabulary: 'think like a Mathematician'
- Encourage the children to evaluate their thinking
- Refer to school website 'Parents Support Manual'