

- Mark: What is four and one more?
- □ Patrick: Six
- Mark: What is four giraffes and one more?
- □ Patrick: Five giraffes
- Mark: What is four elephants and one more?
- □ Patrick: Five elephants
- Mark: What is four and one more?
- □ Patrick (looks him in the eye): Six.





- Help create a 'growth mindset' attitude towards mathematics.
- Understand what is meant by 'Mastery' in mathematics.
- Explain and demonstrate how mathematics is taught at Settle Primary School.
- Increase confidence and understanding in supporting your child at home.
- Create a 'Maths Buzz'!



Help create a 'growth mindset' attitude towards mathematics.

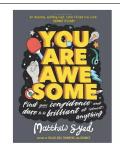


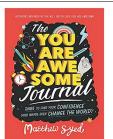


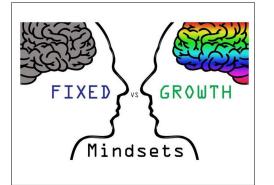


We believe that everyone can get better at maths...when they put in the effort and work at it.

- Do not praise children for being clever when they succeed at something, but instead should praise them for working hard.
- Children learn to associate achievement with effort (which is something they can influence themselves – by working hard!), not 'cleverness' (a trait perceived as absolute and that they cannot change).







If children hear 'I can't do maths' from parents, teachers, friends they begin to believe it isn't important.

People become less embarrassed about maths skills as it is acceptable to be 'rubbish at maths'.



Understand what is meant by 'Mastery' in mathematics.



- Vocabulary
- Questioning
- Full sentences with sentence scaffolds
- Reasoning and explanation
- Problem solving



"In mathematics, you know you've mastered something when you can apply it to a totally new problem in an unfamiliar situation."

> Dr. Helen Drury, Director of Mathematics Mastery

Mastery of Mathematics is more.....

- · Achievable for all
- · Deep and sustainable learning
- · The ability to build on something that has already been sufficiently mastered
- · The ability to reason about a concept and make connections
- · Conceptual and procedural fluency

https://planetparent.com/episodes/ Episode 3: Kate Mole

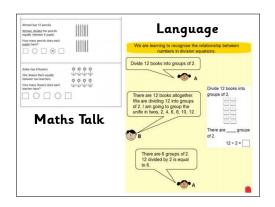




Mastery is about equipping children with the skills to grasp mathematical concepts rather than procedures and tricks to get right answers, which offer 'very shaky foundations to be able to cope later with more complex mathematics'.

The mission is to embed real understanding of maths at a conceptual level and move - once and for all - away from a 'learning by rote' mindset that's become entrenched.

Deep, secure and sustained understanding.

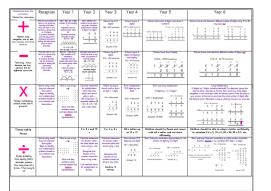


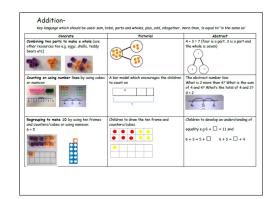


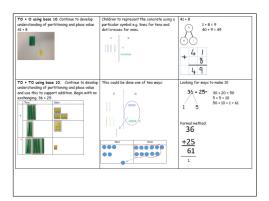
Explain and demonstrate how mathematics is taught at Settle Primary School.

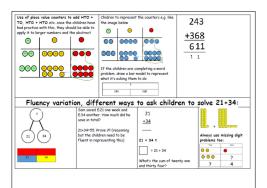
Thinking CAPS and Calculation Strategies











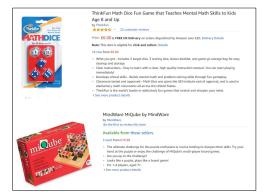


Increase confidence and understanding in supporting your child at home.







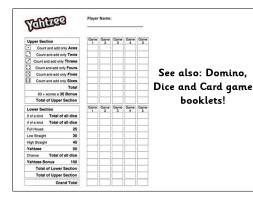






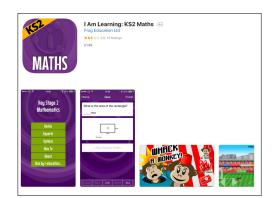


The objective of the game is to score points by rolling five dice to make certain combinations. The dice can be rolled up to three times in a turn to try to make various scoring combinations and dice must remain in the box. A game consists of thirteen rounds. After each round the player chooses which scoring category is to be used for that round. Once a category has been used in the game, it cannot be used again. The scoring categories have varying point values, some of which are fixed values and others for which the score depends on the value of the dice. A Yahtzee is five-of-a-kind and scores 50 points, the highest of any category. The winner is the player who scores the most

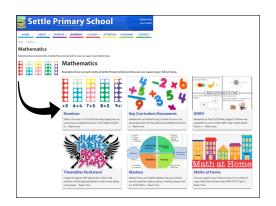




















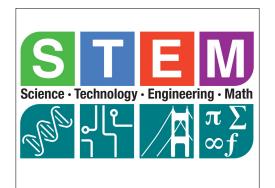








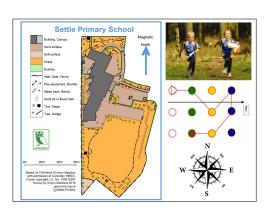








Maths and Orienteering



I hope you now have a feel for what we do at school and some ideas for how you can support your child at home to help them develop a positive mindset when it comes to maths!

Don't forget, if there's anything specific your child struggles with, please speak to your child's class teacher directly.

