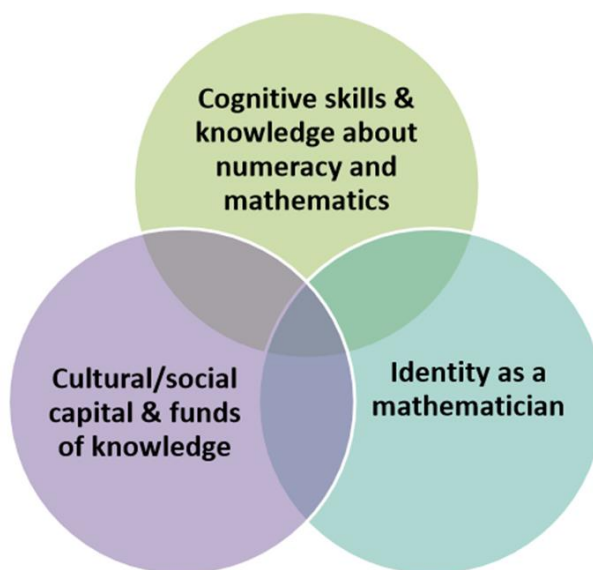




How to support your child in Numeracy and Mathematics



The 3 Domain Model



Demonstrate the importance and value of being numerate

- Talk about maths and why it is important. Examples can be found at <https://education.gov.scot/parentzone/Documents/ImportanceNumMaths.pdf>

Reinforce correct mathematical language

- Child friendly maths dictionaries can be found at <http://www.amathsdictionaryforkids.com/> and <https://www.mathsisfun.com/definitions/>
- An adult version can be accessed at <https://education.gov.scot/parentzone/learning-at-home/supporting-numeracy/Numeracy%20and%20mathematics%20glossary>
- Maths dictionaries are also available to buy in hard copy e.g. Oxford First Illustrated Maths Dictionary

Challenge your child if they say “no maths homework tonight”

At all times, there is home study for Mathematics. The more your child attempts, and the harder your child works, the more they will achieve.

Recommended online resources include:

- www.readwritecount.scot - Tips, ideas and activities for you and your child to read, write and count together and promote home school partnerships.
- <https://www.bbc.com/bitesize/subjects/zpdj6sg> Fun activities to help children at 1st and 2nd level learn more about Mathematics

Help to promote a Growth Mindset in Mathematics

Encourage your child to always attempt tasks, even when there is a risk of making a mistake. Making mistakes is a natural part of the learning process

Your child should feel safe to experiment with their Mathematics, safe in the knowledge that they can learn from their mistakes.

Acknowledge that Mathematics can be challenging

Encourage your child to be ambitious even when they find Mathematics challenging. Mathematics should be challenging and will require your child to exert the necessary effort to meet this challenge.

Working is an important part of Mathematics. It is the way in which Mathematicians communicate their processes and thinking.

Encourage your child to think about working as a form of communication. All the steps in a solution should be clear enough for a person of limited Mathematical knowledge to be able to follow.

Your child will benefit from taking on the role of the teacher, as explaining a process can clarify thinking.

Ask your child to teach you how to do some questions. You never know, you might also learn some Mathematics.

Avoid praise using words like smart or clever.

If your child begins to believe that being clever means you find Mathematics easy, then at some point they will find Mathematics difficult and give up because they don't feel smart enough.

The power of yet!

If your child says, "I don't get it", this has the sound of permanence - and they might never get it. If your child says, "I don't get it yet", they open themselves up to a future when there they will be able to do it.