

## Numeracy

At Parkhall Integrated College we understand the important role that parents/guardians can play in helping their child develop confidence within numeracy across all subjects and in daily life.

Numeracy skills are used in every subject that our students learn at school and are essential in helping them build a successful future beyond school. It is important that every student leaves school with the numeracy skills that will help them in everyday life.

Believing you can do maths is half the battle – your mindset is key to success or failure

Why is it not okay to say “I cant read but okay to say, “I can’t do maths”?

## Parents/Guardians guide to Numeracy and Maths

Recent research from the National Numeracy Organisation found that 88% of children say their maths confidence improves when parents/guardians become more involved in their learning. It also stated, “What parents/guardians do with their children at home is much more significant than any other factors open to educational influence”.

Therefore, we want our parents/guardians to feel confident in helping their child at home. We are fully aware that some methods that may have been used when you were taught mathematics may be different to those that your child uses.

With this in mind, we have included the link to our maths website and corbett maths. We do hope you will find this useful and informative.

<https://corbettmaths.com/>

<https://sites.google.com/c2ken.net/parkhall-mathematics/a-level?authuser=0>

## Revision

Revision cards can be purchased through corbett maths. Each revision card provides the information that your child needs to learn along with a link to a video, past papers questions and answers. We would encourage you to purchase the Foundation GCSE revision cards. These will support your child in mathematics from year 8 to year 12, with the option of buying the higher pack at GCSE.

<https://corbettmaths.com/revision-cards/>

Parkhall maths department website: this website gives schemes of work, past papers and resources. The link to the website is below:

<https://sites.google.com/c2ken.net/parkhall-mathematics/a-level?authuser=0>

## Top Tips

1. The most important thing is to help your child develop a positive attitude with maths and numeracy and to not fear/dread the subject.
2. Maths is a subject that improves with more **practise** we get and we all have different starting points. Seeing you being positive about numeracy and maths will likely make them feel positive too.
3. Help your child develop curiosity and link numeracy with things that interest them
4. Praise your child for their maths efforts. It is important for them to feel empowered and positive about maths, rather than focusing on their ability. **By working hard and feeling positive about it they will automatically strive to improve and gain confidence. Your child needs to develop a can do approach no matter how hard the topic**

## **Remember:**

**Maths is everywhere.** Cooking, shopping, packing things into bags and boxes, planning a journey... even the buildings all around you. The more you look, the more you will see.

**Being wrong is OK.** Don't feel bad about mistakes – they are part of learning. If you, or someone else, gets to the wrong answer, then talk about it. How did you get there? See if you can come up with better way to work it out.

**Believe in your own ability.** Everyone has the potential to understand and enjoy maths. One of the UK's biggest problems in maths education is children 'catching' their parents/guardians' own low confidence in maths. If you don't feel confident, this is more likely to have come from your life experience than your genes. You have the ability: you've just not had the chance to develop it. You probably use maths more than you give yourself credit for. So, avoid suggesting that people in your family aren't good at maths. Your children will believe it, and make it come true.

**Struggling is normal and healthy.** If you can't figure something out straight away, then you're not alone. In fact, you are sharing an experience with professional mathematicians. It's their job to get stuck on hard problems – sometimes for years! Some hints for getting unstuck include: Keep trying, try different methods, and try explaining what you don't understand to someone else.

**Talking about how interesting this is.** Different people bring different talents to maths – and solve problems in different ways. If you ask someone else how they worked something out, you'll learn something – even if you were both right.

## **Useful websites**

Family Maths Toolkit: Advice on how to support your child with maths. There is also a section with activities for children.

[www.familymathstoolkit.org.uk/advice-for-families](http://www.familymathstoolkit.org.uk/advice-for-families)

National Numeracy: How to feel good about maths and access home learning materials.

[www.nnchallenge.org.uk/](http://www.nnchallenge.org.uk/)

The Open University: Free everyday maths course 1.

[www.open.edu/openlearn/science-maths-technology/everyday-maths-1/content-section-overview?active-tab=description-tab](http://www.open.edu/openlearn/science-maths-technology/everyday-maths-1/content-section-overview?active-tab=description-tab)

The Open University: Free everyday maths course 2.

[www.open.edu/openlearn/science-maths-technology/everyday-maths-2/content-section-overview?active-tab=description-tab](http://www.open.edu/openlearn/science-maths-technology/everyday-maths-2/content-section-overview?active-tab=description-tab)

Maths on Toast: A family maths charity with activities that can be done at home.

[www.mathsonttoast.org.uk/fun-maths-at-home/](http://www.mathsonttoast.org.uk/fun-maths-at-home/)

NRICH Maths: Lots of maths activities, with a 'maths at home' page.

[www.nrich.maths.org/frontpage](http://www.nrich.maths.org/frontpage)

You Cubed: Tasks for pupils to try to develop a sense of empowerment linked to maths.

[www.youcubed.org/tasks/](http://www.youcubed.org/tasks/)

Corbett Maths: An excellent website for both parents and pupils, containing videos that explain each topic in depth, as well as basic and exam-style questions with corresponding worked solutions.

[www.corbettmaths.com](http://www.corbettmaths.com)