

At St David's Primary all staff have been involved in the Renfrewshire Numeracy & Mathematics Approach.

This Professional Learning has developed key concepts such as SEAL Approaches, Number Talks, learner identity and the cultural capital of pupils in a variety of ways, such as;

- Enhancing classroom numeracy zones.
- Implementing Number Talks throughout the school. Number Talks are short, daily exercises aimed at building number sense. This is the ability to play with numbers meaning pupils can perform calculations visualize problem solving, quickly, and are flexible in their mathematical strategy.
- Introducing SEAL –(Stages of Early Arithmetic Language) approaches throughout the school. SEAL give us a progression in learning Number and Number Processes. The strategies developed, support the teaching of mental agility in the upper primary.
- Working in partnership with Siobhan Coates our Numeracy Modelling and Coaching Officer.
- Implementing a range of teaching strategies that promote a coaching approach to the teaching of Numeracy & Mathematics.
- Purchasing a variety of new resources to support learning and teaching for all.
- Celebrating Maths Week Scotland.

Looking for more?

Read, Write, Count

A Scottish Government website providing lots of simple suggestions, ideas, tips and activities to help you have fun together. P2 & P3 Pupils are gifted with a bag of resources each year and from 2019, P7 will also receive a transition kit to support them as they prepare for high school.

<http://readwritecount.scot>

Parent Club

Another Scottish Government website which offers lots of great ideas to help you engage your child in playing and learning.

www.parentclub.scot/topics/play-learn

Parent Zone

The website offers support directly for parents and provides you with everything you engage your child in playing and learning.

<https://education.gov.scot/parentzone/learning-at-home/supporting-numeracy>

Adult Learning and Literacies Service

The ALLS team deliver a wide variety of learning opportunities, accredited and non-accredited, which are accessible to all. ALLS work to remove some of the barriers that adults may experience in returning to learning and supporting their child at school. All activities are free and supported by a free crèche. Find out more here.

<https://www.renfrewshire.gov.uk/article/3577/Adult-Learning-and-Literacies-Service>

or call 01505 382863

St David's PS

Numeracy & Mathematics

Improving the education and life chances of our children by working together



Numeracy & Mathematics

Maths is a core element of Scotland's Curriculum for Excellence. It is important in our everyday life, allowing us to make sense of the world around us and to manage our lives. Using mathematics enables us to model real-life situations and make connections and informed predictions. It equips us with the skills we need to interpret and analyse information, simplify and solve problems, assess risk and make informed decisions.

Mathematics plays an important role in areas such as science or technologies and is vital to research and development in fields such as engineering, computing science, medicine and finance. Learning mathematics gives children and young people access to the wider curriculum and the opportunity to pursue further studies and interests.

This leaflet provides information about how we teach Numeracy and Mathematics in St. David's. If however you would like more help, or to speak to someone directly, please just let us know. You can discuss directly with your child's Class Teacher or call/pop in to the school at any time.



Supporting Numeracy & Mathematics

Renfrewshire Council aim to ensure that all children and young people develop the Numeracy & Mathematics skills they need to achieve success in life, learning and work. We aspire to motivate and engage our learners to recognise their own identity as a mathematician.

We do this through high quality teaching and learning, supported by a variety of assessment techniques.

In our classes you can expect that we:

- Have an active and integrated approach:

We don't teach this aspect of the curriculum in isolation and encourage our learners to make links with other subject areas and real life situations wherever possible.

- Teach the same concept to all learners:

Whenever possible, we focus on specific elements of maths and the teacher uses their professional judgement and knowledge of the pupils to tailor the learning to the needs of the individual.

- Get the level of challenge right:

We use our in-depth knowledge of each child to provide learning opportunities that provide challenge for all.

- Use correct mathematical language:

With our cluster primary and St. Benedict's colleagues, we have a guide for pupils, parents and staff to support good practice and consistent techniques.

- Teach Numeracy & Mathematics daily:

Our pupils will be inspired by daily learning opportunities in this area.

How can you help at home?

- ✓ **Talk about Maths and share your own experiences** - How so you use maths in your daily life: at work, cooking, following a timetable, buying items, budgeting at home.
- ✓ **Encourage a positive attitude to maths** - Encourage your child to have a go' and support them when they are finding things challenging. Encourage them to persist and ask for help when they need it.
- ✓ **Make links to their own lives** - Encourage your child to be curious about Numeracy & Mathematics: Involve them in using money, telling the time, planning with the calendar.
- ✓ **Attend How Good is My Learning opportunities with your child** - these are a fantastic opportunity to discuss the learning journey with your child and their teacher. During these sessions, targets will be set. This will inform you about how to help your child and where their strengths lie.
- ✓ **Attend Pizza Maths** - this is offered to our P4 and P5 pupils. One of our Family Learning Clubs, with an aim to support parents and carers to be the primary educators of their child. The team are on hand to support, you even if you lack confidence in this area yourself. Just showing an interest in your child's learning journey can make a significant difference to their confidence and attainment.
- ✓ **Talk to us** - we are always on hand to offer support and guidance. Just Ask!

