

Dear Parents and Carers

Thank you for attending our EYFS Maths Workshop. We hope that you have found it really helpful.

We have put together an information sheet with lots of tips and ideas for you to use at home.

In the Government 20205, 'Statutory framework for the Early Years Foundation Stage' it states:

“Developing a strong grounding in number is essential so that all children develop the necessary building blocks to excel mathematically. Children should be able to count confidently, develop a deep understanding of the numbers to 10, the relationships between them and the patterns within those numbers. By providing frequent and varied opportunities to build and apply this understanding - such as using manipulatives, including small pebbles and tens frames for organising counting - children will develop a secure base of knowledge and vocabulary from which mastery of mathematics is built. In addition, it is important that the curriculum includes rich opportunities for children to develop their spatial reasoning skills across all areas of mathematics including shape, space and measures. It is important that children develop positive attitudes and interests in mathematics, look for patterns and relationships, spot connections, ‘have a go’, talk to adults and peers about what they notice and not be afraid to make mistakes. “

-Statutory framework for the early years foundation stage. Available online at:

https://assets.publishing.service.gov.uk/media/68c024cb8c6d992f23edd79c/Early_years_foundation_stage_statutory_framework_-_for_group_and_school-based_providers.pdf.pdf

-Development Matters Non-statutory curriculum guidance for the early year's foundation stage. Available online at: [Development Matters - Non-statutory curriculum guidance for the early years foundation stage \(publishing.service.gov.uk\)](https://assets.publishing.service.gov.uk/media/68c024cb8c6d992f23edd79c/Development_Matters_-_Non-statutory_curriculum_guidance_for_the_early_years_foundation_stage.pdf.pdf)

How to help your child at home through everyday Maths opportunities and activities

-Practice spotting and recognizing numbers in the environment. Add/multiply/subtract/divide door numbers, numbers on car registration plates, road signs, in shops, around the house, in books etc.

-Use food packaging to discuss 2D and 3D shapes. What are the properties of these shapes e.g. how many faces, sides, vertices? Flatten the packaging out to find the net of the 3D shape too.

-Measuring up for new furniture? Want to make sure the Christmas tree will fit in your living room? These are really good opportunities to encourage your child to see the value of careful measuring skills in everyday life.

-Board Games supply endless opportunities for Maths – Snakes and Ladders, Bingo, Connect Four etc.

-Baking; weighing out ingredients needed, how many cupcake holders you will need and lining a cake tin etc.

-Count - steps up the stairs, money into a money box etc.

-Ask children to identify how many they can see. Pose the question “What can you see?” Allowing children to identify a number without counting (subitising) numbers 5 or fewer.

-Play games using dice/dominos and encourage child to say how many spots without counting.

-Ask children to set the table with enough knives, forks and plates for everyone.

-Spot numbers in the environment – on phones, microwaves, clocks, registration plates, doors.

- Ask children to think of their own representations for numbers e.g. one of them, two hands, three bears, four wheels on a car, five toes, six sides on a dice, seven dwarves, eight legs on an octopus etc.
- Deliberately make mistakes. Children need to understand mistakes are normal and everyone makes them e.g. get mixed up when counting, muddle two numbers when ordering them.
- Draw attention to more and less.
- Hide numbers around the house or garden for children to find.
- Play outdoor maths games like hopscotch and skittles. Even better, let children make up their own games and decide how to score points.
- Watch Numberblocks on Cbeebies. This programme is written by maths specialists to model maths concepts and represents number brilliantly.
- Read books with maths concepts e.g. The Very Hungry Caterpillar, One is a snail, ten is a crab, What's the time, Mr Wolf? The doorbell rang.
- Play number games on a tablet - useful websites are: CBeebies, Topmarks, BBC Bitesize, Numbots, I minute maths by White Rose (app).
- Sing number songs and rhymes e.g., 10 Green Bottles. - Useful website BBC Teach Counting Songs
- Read story books related to maths – a useful website is White Rose Maths – Recourses - EYFS – click on each lesson block, then scheme of learning and it will give you a list of linked story books.

Ideas on what types of resources you can use:

- All types of pasta, fruits, vegetables, nuts, tins, cartons, boxes, egg cartons, bottle tops, straws etc.
- natural objects such as; stones, sticks, acorns, conkers, helicopters, leaves etc.
- real and pretend money – coins and notes.
- tape measures, rulers, measuring jugs, scales - balance and electric, string, wool etc.
- pens, pencils, rubbers, paper clips, paint brushes etc.
- cutlery, pegs, buttons, nuts and bolts etc.
- Plastercine, play dough, Lego bricks, toy figures, cars, dolls, toys, teddies, counters, dice, games, marbles etc.

Glossary of EYFS Maths:

A full maths glossary can be found on the school website following the link below:

<https://www.miltonroadschool.org.uk/maths-workshop/>