Maths all around us

Whenever you are out and about in your local environment, you will notice opportunities to enjoy maths

'Three in a row' game

This is a fun game to play together, inside or outdoors. Find five objects the same for player one and five different objects for player two, for example five stones and five sticks, or five spoons and five forks.

Draw a grid on paper or with chalk on the floor outside like for the 'noughts and crosses' game.

Take turns to place an object, a 'stick' or 'stone', in one of the nine spaces and see who can make a line across, up, down or diagonally first.

By interacting and joining in this game together, you can help your child see patterns, have fun counting together (three stones for example), taking turns and just enjoying each other's company.

Supporting your child to develop their language

Try to use your child's name during your conversations - it really helps when you say it at the beginning of a phrase e.g. 'Tomasz...I can see the ...', this can help your child to concentrate and keeps them involved in the activity.

Words to share

Across, up, down, diagonally, one, two, three

Making it work for your family

When you first start playing the game, give your child lots of help and praise. Focus first on making the patterns which go across or down for example.

When your child is more confident, they may enjoy counting the line of objects with some help from you or counting on their own. Talk together about whether the line is across, up, down or diagonally.

Next time you could try ...

suggesting to your child that they play the game with a friend whilst you watch (and help as needed) - you may find other objects to play a similar game with or draw noughts and crosses on a grid.

Look all around you, talk together about the things you see, recap together on what you have enjoyed - children enjoy doing the same activity again and again and again - this really helps them to learn and remember.

