

Maths at Home

- How to help your child to use and apply their skills.

Maths is all around us. It is in everything we do and in everything we see. If children are to become truly successful in our ever-changing world they need to be comfortable with mathematics so they can become problem solvers, solution finders and so that they can call upon the right skill at the right time to get something done.

As educators we help your child to learn these skills at school and as parents you can help your child refine, use and apply these skills at home. This flyer is a practical guide to some mathematics activities you can complete with your child that will hopefully make maths homework a much more exciting event for everyone.



Cooking

Counting - read the recipe and count the ingredients required. Count the amount of items made.

Measuring - be exact, it's important. Learn the equivalences between measures g>kg or l>ml.

Applying - Increase or decrease the size of a recipe. Work out how much a recipe costs using shop prices.

Shopping



Please get me 5 oranges.....

What number aisle is this.....

Weigh fruit and vegetables.

What shape are the packets?

How many bananas do we need this week if everyone wants 2 each?

What is the best deal; the 3for2 or our normal brand?

If our weekly bill comes to _____ how much do we spend on food per day?



Gardening

Measuring - lengths of border, area of a flower bed, volume of a plant pot.

Scales - Make a rain gauge, make a temperature gauge.

Time - how long do things take to do/to grow? Etc.....



Chores

Sorting - put things into the right category. What could go in multiple categories?

Time - How long do you think it will/did it take?

Shape - use knowledge of shape to name objects and junk to model.

Maths Kit - save items for maths, bottle tops = counters!

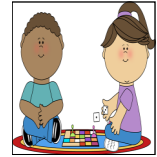


Reading

Counting books - The Hungry Caterpillar.....

Maze, map and puzzle books - Where's Wally.....

Shape, pattern and space books - How to do Origami, How to make the world's greatest paper aeroplanes.....



Playing Games

Board games - counting moves or using logic to win.

Race Games - Who collected the most points on a certain level? Who was quickest to complete a level?

Applying - keeping track of scores.



Going Places

Shape - Count objects of a specific shape.

Statistics - Complete a traffic survey.

Time - How long for the journey? How long from place-to-place?

Counting - Practise counting in steps. Read a timetable.

Money - Spot a price and double it or X it by 10.



Doing Puzzles

Jigsaw Puzzles - from the basic to the technical they're all great for using logic.

Spatial, geometric puzzles - Rubik's cube, tangrams, Tetris.

Logic Puzzles - Sudoku, Maths crosswords (search online by typing 'math logic puzzles for children').