

Useful maths websites

<http://mathszone.co.uk>

<http://www.topmarks.co.uk/maths-games>

<http://www.bbc.co.uk/bitesize/ks1/maths>

<http://www.snappymaths.com>

<http://www.ictgames.com>

<http://www.educationcity.com/uk/families/free-trial>

<http://www.coolmath-games.com>

<http://nrich.maths.org/primary-lower>

<http://www.activityvillage.co.uk/dice-games>

<http://www.mathschamps.co.uk/games5-7>

- Please ensure you have appropriate security settings on your device as websites may have pop-ups.

The CPA approach

Concrete – give your child objects to help them count and calculate. Use real-life objects in context to make the learning more meaningful. Using concrete objects helps children to visualise.

Pictorial – your child may wish to draw pictures to help them. This could simply be drawing dots in groups to aid multiplication or division, for example.

Abstract – Children move to being able to calculate in their heads. They may choose to write their working out, or use empty number lines. Ask your child to talk about their mental working out: “Tell me how you reached your answer”, “convince me your answer is correct”, “show me how I could work that out like you”.

Take turns to count in 2s, 5s 10s or 3s, as far as you can go. The person who says the final number is the winner.

Practise bouncing or throwing a ball to each other. Counting in 2s, 5s 10s or 3s. Say a number each time you catch the ball. What is the highest number you can get to? Can you do this backwards?

Use 2 sets of number cards numbered 0-20. Play games such as pairs or snap. Win the pair if they are doubles, or if they total 20, or if they are both even, for example.

In the house or when you are out play shape hunts. How many different shapes can you find? Are they 2D or 3D? Describe a shape you can see for your child to guess.

In real and play situations use objects and toys to practise counting, adding, subtracting, multiplying, doubling and halving.

When cooking together, help your child to measure liquid in millilitres and weigh dry ingredients in grams.

Talk about the days of the week and months of the year. Ask questions such as what day was yesterday?, what day will it be in 2 more days?, what month will it be after this one?

Encourage your child to look at the clock (analogue and digital) during specific times of the day eg lunchtime or bedtime.

Make obstacle or orienteering courses or treasure hunts and direct each other through them, for example go over, make a half turn clockwise.

Make maths fun!