

JAMES ELLIMAN ACADEMY

Helping at Home:

Year 1 - Maths

Mathematics at home

Talk together and have fun with numbers and patterns

Help your child to:

- Find numbers (1,2,3,4) plus numbers written in words (one, two, three) around your home and neighbourhood – clocks, letterboxes, speed signs
- Count forwards and backwards (clocks, fingers and toes, letterboxes, action rhymes, signs) up to 100
- Make patterns when counting "clap 1, stamp 2, clap 3, stamp 4, clap 5..."
- Do addition sums using objects such as stones or marbles eg $12 + 3$, $43 + 10$, $50 + 4$. Subtraction sums: $13 - 3$, $39 - 10$, $45 - 14$ etc
- Make up number stories – "you have 3 brothers and 2 sisters. There are 5 of them". There are 6 birds in the tree, 2 flew away. How many left?
- Encourage sharing. I have 6 biscuits, how many biscuits will we get each if we share? I have 12 cars, how can I share with my 4 friends?

Here's a tip - maths is an important part of everyday life and there are lots of ways you can make it fun for your child.

Use easy, everyday activities

Involve your child in:

- Preparing and sharing out food – I have four cakes. Ask, "How many for each of us? Or there are 2 cakes for you and 2 for me, how many altogether?"
- Talking about time – "lunchtime", "story time", "bedtime". Use language such as before, after, later, yesterday, today, tomorrow, morning, afternoon etc. Look at clocks in the home – it is 7 o'clock, it is now half past 7 etc
- Using words in everyday play like "under", "over", "between", "around", "behind", "up", "down", "heavy", "light", "round", "circle". You can get library books with these words and ideas in them too
- Asking questions like "How many apples do we need for lunches? What do you think the weather is going to be like today/tomorrow? What are we going to do next?"

Here's a tip - use lots of mathematics words as your child is playing to develop their understanding of early mathematics (eg "over", "under", "first, second, third", "round", "through", "before", "after"). Use the language that works best for you and your child.

JAMES ELLIMAN ACADEMY

Helping at Home:

Year 1 - Maths

For wet afternoons/school holidays/weekends

Get together with your child and:

- Play with water using different shaped containers and measuring cups in the sink or bath. Ask questions eg. how many small cups will fill a big jug?
- Bake – talk to your child about the recipe/ingredients using words like "how many?" "how much?" "more". Count how many teaspoons of baking soda are needed, how many cups of flour, how many muffin cases.
- Play dress-ups and getting dressed, use words like "short", "long", and ask questions like "what goes on first?", "what goes on next?", "does it fit?"
- Create a 'sorting box' with all sorts of 'treasure' – bottle tops, shells, stones, toys, acorns, cardboard shapes, leaves. Ask questions like "how many?", "which is the biggest group?", "which is the smallest?", which object is the heaviest or which object is the lightest? "how many for each of us?" Cross curricular links: Science what material are they made from? How do they feel? Eg soft/hard/bendy etc.
- Do jigsaw puzzles, play card and board games and build with blocks/Lego.
- Go for a walk – look at shapes/objects in the environment eg 2d shapes (squares/triangles/rectangles/circles) and 3d shapes (sphere, cylinder, cone, triangle based pyramid, cuboid, cube).
- When you go shopping, allow your child to handle small coins eg. 1p, 2p, 5p 10p etc. This will help them understand the value of money in the real world. Ask questions, this apple costs 10p, what coin/s can I use to pay for this?

Here's a tip - being positive about mathematics is really important for your child's learning – even if you didn't enjoy it or do well at it yourself at school.