

JAMES ELLIMAN ACADEMY

Helping at Home:

Year 5 - Maths

Mathematics at home

Talk together and have fun with numbers and patterns

Help your child to:

- count forwards and backwards (starting with numbers like 223,452, 10,098, 10,099, 10,100, 10,101 then back again).
- find and read large numbers in your environment e.g. nineteen million, three hundred thousand and four hundred and twenty-three.
- learn number pairs to 100 e.g. 81 and what equals 100? Up to 1000, 10,000, 100,000, 1000,000.
- read car number plates, look at the car's odometer to see how far you've gone.
- work out patterns – make codes from numbers.

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.

Use easy, everyday activities

Involve your child in:

- making and organising lunch or a meal for a party, including equal sharing of fruit/biscuits/sandwiches/drinks.
- helping at the supermarket – choose items to weigh. Look for the best buy between different brands of the same items (breakfast cereal, spreads like jam or honey). Children should be encouraged to handle money.
- practising times tables – check with your child or their teacher which times tables you could help your child with.
- telling the time e.g., 5 past, 10 past, 20 past, $\frac{1}{4}$ to, 25 to... Know 24 hour clock read and convert between digital and analogue. Calculate periods or time taken to watch a programme. They should look at Roman numerals in relation to clocks.
-

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

Write:

- make your own multi-step mathematical word problems where two different steps are needed to work out the answer, e.g. if you have 125ml of milk of your cereal, can 20 people have breakfast using a 2l bottle of milk?

JAMES ELLIMAN ACADEMY

Helping at Home:

Year 5 - Maths

For wet afternoon/school holidays/weekends

Get together with your child and:

- play card and board games that use guessing and checking
- do complicated jigsaw puzzles
- look through junk mail – find the most expensive and cheapest item advertised or make into strips to make a woven mat
- make a roster for jobs around the house
- plan for a special event on a budget; eg afternoon tea for a grandparent, teacher or family friend
- bake – follow a simple recipe (scones, pikelets) Focus on ingredients weight and capacity. Convert between different units.
- use blocks that fit together to make a model. Draw what it looks like from each side and above. Then draw what they think it looks like from underneath. Once finished, check the underneath of the real object against the drawing
- make water balloons and see how far you could throw them (outside!!) and how far the water splatters. Measure distance in mm, cm, m , convert between different measures especially when you go shopping.
- collect the family birthdays and put in order – make a reminder calendar for the year.

Here's a tip - the way your child is learning to solve mathematics problems may be different to when you were at school. Get them to show you how they do it and support them in their learning.