

Maths at home

Supporting
your child's
learning at
Year 5

Talk together and have fun with numbers, shapes, games, and patterns

Help your child to:

- count forwards and backwards starting with numbers like these fractions: $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 , $1\frac{1}{4}$, $1\frac{1}{2}$ then back again
- talk about large numbers in your environment, for example, gaming scores and distances
- find families of facts when multiplying and dividing with 6, 8 and 9, for example, if your child knows $6 \times 8 = 48$, then they will also know that $8 \times 6 = 48$, $48 \div 6 = 8$ and $48 \div 8 = 6$
- estimate the cost of a weekly shop to the nearest dollar
- read car number plates and look at the car's odometer to see how far you've gone
- talk about graphs and tables that are in your local newspapers or online
- use an app or a map to find North, and discuss the compass points, and familiar locations at each point
- notice angles around them that are smaller than, equal to or larger than a right angle.



Here's a tip: be positive about maths and show your child where you use maths. This will help them build confidence in maths. Praise their effort.

Use easy, everyday activities

Involve your child in:

- making dinner at home, at camp or on a marae – look at how many and how much is needed for the people eating (potatoes, bok choy, carrots, sausages). Talk about fractions (half, quarter, fourth) to calculate how much to cook and cooking times
- 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)
- practising times tables – check with your child or their teacher which times tables you could help your child with
- working out how much change you'd get from \$10 when buying items with cash
- finding out how long an event is when the start and finish times are known, or working out 'how long until..', such as how many minutes until the movie/until we have to leave the park.



Here's a tip: maths is an important part of everyday life. Make maths fun for your child with practical, hands-on activities and games that you can do together.

For wet afternoons/school holidays/weekends

Get together with your child and:

- play card and board games that use guessing and checking
- do complicated jigsaw puzzles
- do paper folding (origami) by following written instructions or a video
- look through junk mail or online shops – find the most expensive and cheapest item advertised
- use junk mail or other strips of paper to make a woven mat
- make a roster for jobs around the house
- plan for a special event on a budget; for example, afternoon tea for a grandparent, teacher or family friend
- play outside games – cricket, basketball, mini-golf and soccer
- follow a simple recipe for scones or pikelets
- 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 measure (with footsteps or a tape measure) how far you could throw them (outside!) and how far the water splatters
- collect and put in order the birthdays of family and whānau – make a reminder calendar for the year.



Here's a tip: the way your child is learning to solve maths 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.

