

Maths at home

Supporting
your child's
learning at
Year 7

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

Help your child to:

- talk about sales in town – 25% off, 30%, 10%, half price. Look for the best value and make a game of calculating the savings on items your child is interested in
- identify and describe how 2D shapes have been moved within kōwhaiwhai and tukutuku panels, and how 3D shapes have been moved in carvings
- budget pocket money and/or plan ahead to open a savings account. Talk about earning interest and investigate with your child which bank account will give them the best return for their money
- talk about current prices for items that interest them and investigate which store offers the best price
- notice angles, parallel and perpendicular lines around them.



Here are some tips: be positive about maths and show your child where you use maths. This will help them build confidence in maths. Praise their effort.

Encourage your child to find out more about mathematics at the library and online.

Use easy, everyday activities

Involve your child in:

- cooking – explore recipes and amounts of food and costs within a budget when catering for larger numbers, for example, school camp
- making a shopping list for the week within a budget
- revising times tables – check with your child/their teacher which tables you could help your child practise
- investigating which supermarket offers the best deal on petrol
- reading a timetable to find out how long events are such as a bus or train trip.

For wet afternoons/school holidays/weekends

Get together with your child and:

- play games – find a new board or card game that uses strategy
 - plan and budget the family holiday (or a day trip) – look online for the best transport method in terms of time and money, accommodation, and activities to do
 - guess how many times you use your cell phone a day/week/month and predict the cost. Work out the best price, pre-paid versus a plan
 - play travel games – invent mathematics games to play while walking with friends, travelling in the car, at the park
 - plan for a family event, like a dinner. What is the cheapest option – cooking at home or getting takeaways?
 - make bead necklaces and friendship bracelets – calculate the cost of the materials needed and the time needed to make them. Is it cheaper to just buy them already made?
 - play outdoor and indoor games – frisbee, touch rugby, netball, kilikiti, cricket, soccer, bowls, snooker and darts
 - build a fort – plan, design, collect the materials and build it
- design and create a piece of art using patterns, shape and line
 - plan and create simple household objects using recycled materials, i.e. placemats, a gift box, birdfeeders, pet toys.



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.

