



# Helping with Maths

## at home for Grade 3-6 CWPS Parents

Parents/Carers play a vital role in spending time with their child in supporting fun, learning opportunities together. When helping with Maths at home here are some ideas to consider:

- Explore meaningful, fun learning experiences together relating to real-life e.g. estimate toys and play games. Keep communication open, positive and respectful.
- Ask questions as you discover together rather than telling, e.g. 1. What do you think? 2. How did you do that? 3. How can we check that is right? (Aim for sense making)
- Recognise there are different ways to solve problems in Maths. Discuss and celebrate different strategies. (Even if they give you a weird answer, it is probably a misconception they believe. It is best to evaluate the ideas and think it through to see if it makes logical sense rather than telling them they are incorrect.)
- All students can learn Maths with effort and persistence. It is best to focus on conceptual understanding first and then repeat concepts once learnt to improve recall or conceptual links.
- Forget speed – the tip is not to rush and allow time to think. Talk about what you have done so far and strategies they have tried. Recognise that all students are different and develop uniquely.

Maths Around the House	Maths Outside
<ul style="list-style-type: none"><li>• In the kitchen- estimate amounts, use timers, give/ follow directions/ recipes, investigate shapes, classify and sort objects, count amounts, measure Gr3 find <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{8}</math>, <math>\frac{1}{3}</math> and <math>\frac{1}{5}</math> of amounts or groups Gr4 revise all fractions to tenths and make links to decimals tenths and hundredths, Gr5 to thousandths, Gr6 %</li><li>• In the bathroom- compare capacity, order objects or containers according to their size, compare heights and weights of containers, use scales etc.</li><li>• Other rooms- give directions to locate objects, measure lengths, areas and perimeters using standard measures e.g. cms etc., sort collections by size, shape and colour, make patterns, build tallest towers, count amounts, create maps etc.</li><li>• Use toys/ games to- estimate, count, create patterns, predict results, sort, classify, locate, skip count, make groups/ arrays and share groups and “just know” amounts, solve word problems etc.</li></ul>	<ul style="list-style-type: none"><li>• Outside- look for numbers outside e.g. house numbers, think about what number comes before/ after a number, create directions for an obstacle course, use a timer to see how long it takes to do a task, make a map of a local park, find amounts of objects, sort and classify objects/ give a non- example object, discuss same/ different, make patterns, measure a longest jump etc.</li><li>• At the shops- estimate amounts, use scales, use pocket money to buy and receive change, think about values and if it is a fair deal, recognise coins/ notes, order coins in values, make budgets etc.</li><li>• Time- order time relating to familiar events, days of the week, calendars, discuss clock features, tell time using both analogue/ digital etc.</li><li>• Learn all X tables to 10 X 10 by the end of Gr4, Revise speed and accuracy Gr56 Revise addition and subtraction facts to 20 are fluent. See CWPS website.</li></ul>

Explore the Victorian DET website using “Maths and Numeracy at home for parents and carers.” You will find more information and tips to help your child. Thanks. Fiona Currie- Mathematics Leading Teacher  
<https://www.education.vic.gov.au/school/teachers/teachingresources/discipline/maths/Pages/maths-and-numeracy-at-home.aspx>