



# MATHS IN YEAR 1 (Level 1)

## Level 1 at a glance

Here is a very brief snapshot of the level 1 curriculum.

*(Students in year 1 can work at many different levels. If this applies to your child and you would like more detail about their Maths learning please see their classroom teacher)*

### Number and Algebra

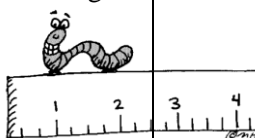
#### Counting

Become confident counting to and from 100. Start with counting from 0 then from any number.

Skip count by 2, 5 and 10 from 0.

Count collections of objects accurately.

Count collections to 100 by grouping them in tens.



#### Patterns and Algebra

Demonstrate and know how patterns repeat.

Investigate and create patterns with objects (size, colour etc) and from skip counting.

#### Numbers and Place Value

Recognise numbers to 100.

Read numbers to 100.

Write numbers to 100.

Make numbers to 100 (with counters, icy pole sticks etc.).

Order numbers to 100 and place them on a number line.

Say the numbers before and the numbers after any number to 100.

#### Addition and Subtraction

Make models of addition and subtraction problems (with counters).

Solve problems using these models.

Use the strategy "count on" to solve addition problems (start with the higher number and count on the rest, eg 5 and 2, say 5 then count on 2, eg. 5, 6, 7).

#### Sharing

Share a collection of items equally between a small number of people.

#### Fractions

Recognise and describe one half as two EQUAL parts of a WHOLE thing.

#### Money

Recognise, describe and order Australian coins according to their value.

### Measurement and Geometry

#### Length, Mass and Capacity

Measure these things using things that are the same size eg. blocks, icy pole sticks

#### Time

Tell o'clock and half hour time.

Recognise duration in hours, days, weeks and months.

#### Shape

Recognise and name familiar 2 and 3 dimensional shapes and objects.

Sort these shapes and objects according to their features.

#### Location

Give and follow directions to familiar locations eg. the classroom

### Statistics and Probability

#### Chance

Describe things that will, won't or might happen.

#### Data

Choose simple questions and gather the responses.

Display this data using objects and drawings.

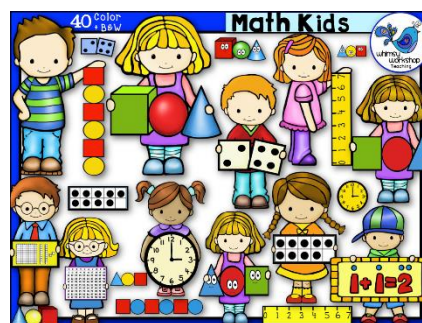


## HELPING YOUR CHILD WITH MATHS AT HOME

Confidence is essential in any learning, especially mathematics. Children need to experience success frequently to give them confidence to extend their understandings and enjoy exploring maths. Your attitude to maths will have a great influence on this and also on their attitude towards maths learning.

Much of the daily experience of children in the home and during leisure activities involves them in using and developing numeracy skills. Parents and other adults can assist children by sharing the maths they are using and encouraging children to talk about what they are doing and making maths a part of their daily lives, for example:

- Telling o'clock and half past time on a clock.
- Assisting them with the Cool Counting Program.
- Sitting with your child and supporting them whilst THEY do their Mathletics.



- Counting at any opportunity eg. whilst in the car.
- Songs and rhymes about numbers and counting, 10 green bottles etc.
- Using calendars to record school and family events.
- Measuring and recording height and mass at regular intervals.
- Scoring and strategies in sports.
- Measuring ingredients for cooking.
- Shopping.
- Building using construction kits, models, household materials.

**Games are a wonderful way of developing number and strategy skills, as well as providing the opportunity for family fun:**

- Board games (Monopoly, snakes and ladders, draughts, ...)
- Card games (snap, concentration, UNO ...), Dominoes.
- Strategy games (noughts and crosses, Connect 4, Backgammon, Chess, Battleships, Mastermind, ...).
- Jigsaws (commercial or homemade including cut-up squares, triangles etc. ...).

**RESOURCES TO ASSIST**

**Mathletics – Your child will have their own user name and password – it is designed to be used for 5-10 minutes at a time**

<http://www.mathletics.com.au/>

Make sure you sit with your child whilst **THEY** complete their activities and talk to them about what they are doing. Look in the Dictionary or check out the Concept search to help if you need to. Encourage your child to use materials (pegs, bottle tops, toothpicks) to help them.

Here is a link to the **Department Website** that describes what your child will learn in Year 1 in Mathematics, with links to websites, apps, activities etc.

<http://www.education.vic.gov.au/school/parents/learning/schoolmate/year1/Pages/math.aspx>

**SchoolMate** The SchoolMate app, produced by the Department, provides the information from this section in a simple and easy to use way. It allows you to tailor your view so you see what is relevant to your child and their interests. For more information and to download the app, see: [SchoolMate](#)

**201 Literacy and Maths Tips to help your child.** This is a fantastic booklet full of great advice and ideas to help with both Literacy and Numeracy. It is divided into two sections that you can download. The first section is before school to year 2 and the second is year 3 to year 6. This resource is also translated into 22 different languages

<http://www.education.vic.gov.au/school/parents/involve/Pages/literacynum.aspx>

**Bedtime Maths** – this is an app you can download onto your iphone, ipad or Android device. It has short stories and Maths problems to share with your children. It takes about 5 minutes and is designed to be used at bedtime.

<http://bedtimemath.org/apps/>

BY GETTING INVOLVED  
IN YOUR CHILD'S  
LEARNING, YOU WILL  
MAKE A BIG DIFFERENCE  
TO THEIR FUTURE. A  
LITTLE BIT TODAY WILL  
HELP THEM TO SHINE.