Number Facts to Know…

This is a list of number facts which students should know at each level. Learning these, then moving on to the next.

Prep **Knowledge of numbers to 20, pairs to 10 (3+7, 6+4)**

Knowing name, numeral, picture representation

Counting on from numbers, counting backwards, before, after

Yr 1 **Knowledge of number facts to 20 (10-2, 7-5, 2+2+2+2+2 = 10)**

Counting to and from 100

Skip Counting by 2's, 5's, 10's

Relationship between + and -

Yr 2 **Count and order no's to 1000**

Simple + and – using a range of strategies

Group collections into units, tens, hundreds, thousands

Skip counting – starting at any number

Relationship between X and /

Yr 3 **Multiplication facts 2, 3, 4, 5, 10**

Recognise the connection b/w addition and subtraction and solve problems using efficient strategies for multiplication.

Multiples

Yr 4 **Multiplication facts 6,7,8,9**

Classify numbers as either odd or even,

Recall multiplication facts to 10X10 and related division facts

Yr 5/6 **Multiplication 11, 12 times tables**

Use number properties for efficient mental calculation

Identify and describe factors and multiples

Find unknown quantities in number sentences and continue patterns by adding and subtracting fractions and decimals

Numeracy at home

Children develop numeracy skills when they apply mathematical concepts and knowledge to assist in solving a variety of real world problems.

And where is a great way to do this (other than at school)?

At Home!!!!

Here are some ways you can support your child at home and help them to become excited about mathematics:

- Play board games such as Snakes and Ladders or Yahtzee. Both are great ways to practice mathematical skills.
- Play card and dice games…the internet has a wealth of ideas.
- Find numbers in the environment and discuss things such as numbers before and after, or are they odd or even.
- Get your child involved in the kitchen… reading recipes, finding fractions and measuring ingredients and converting recipes to make larger or smaller amounts are all great ways to practice mathematical concepts.
- Read calendars and discuss months, seasons, years, and special dates.
- Look at time tables such as bus or train timetables (or any other time tables you can get your hands on) and discuss the how long it would take to get from one place to the next etc.
- Read clocks, both digital and analogue
- Look at shapes and patterns when you are out and about, and make patterns using materials such as beads and Lego
- Read maps and find familiar locations on these
- In the car, estimate travel times and discuss kilometers or how much petrol is in your tank
- Take your child grocery shopping!!! Add up the price of items in your trolley, calculate how much change you would get back, which notes or coins would be best to use to pay for the shopping?, find items on special (e.g. 20 percent off) and work out the new price or how much you would save? The list of mathematical concept when out shopping is endless.
- Watch sporting events such as footy and calculate the score
- Use stop watches, timers and smartwatches
- Sharing food equally between siblings or friends
- Keep a record on a height chart
- Read books that have a mathematical concept such as Counting on Frank, or Who Sank the Boat.

The key to helping your child develop a love for mathematics is to look for it in your everyday lives and routines and just have fun with it.