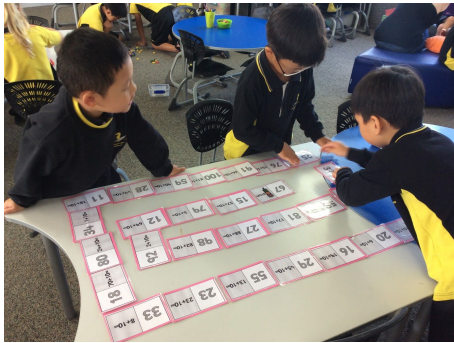# Maths Curriculum Update 2018
Sunnybrae Normal School
Term 3

It has been another busy year teaching and learning mathematics at Sunnybrae. Throughout the year our teachers have been lucky to work with Marie Hirst, Education Consultant, from Special Addition Ltd, as part of our own professional learning and development. Her focus was on problem solving and how to implement this into classroom maths programmes to enhance student learning. She also shared some interesting websites and fun activities that can be used in our maths programmes.

Family Maths Evening

What a great turnout at our family maths evening earlier this term. The evening focused on 'Problem Solving in a Real World Context'. Our guest speaker, Marie Hirst, spoke to families about the importance and relevance of teaching maths in a practical everyday context. It was fantastic to see so many families interacting and engaging with their children in these problem solving tasks.

Check out this link on NZ Maths Maths At Our House to find out more ways you can involve your children in maths at home.

Key Messages to Help Your Child

Mathematical language is very important: before/after, odd/even, more/less, altogether, quarter, half, third, equation, subtract, addition, multiplication, division, angles ….

Understanding **place value** is important, (thousands, hundreds, tens and ones) decimal and whole numbers.

Instant recall of **basic facts** will help with solving everyday problems.

Fact Families - Think of learning facts as learning one fact and using it four ways.

Learn to **'trust'** the number.

Maths is about **patterns** - seen through rules, numbers and pictures.

Problem Solving

Problem solving is all about using what you already know to help solve an everyday problem.

Examples:

Mrs Parore sees that her peg box is running low. She puts one peg on the corner of two towels. This way she only needs 3 pegs for 2 towels.

How many pegs does she need for 6 towels?

Legs in the Barn

One third of the animals in the barn are chickens. The rest are pigs. There are 20 legs in all. How many pigs are there?

Remember ... allow for 'think time'

Ask and wait for an answer. Give your child time to respond, let them make the mistake and do their own thinking.

The correct answer is important, but the process of getting to the answer is where you can really see if children understand.

Fact Families

6+2=8	12÷6=2
2+6=8	12÷2=6
8-6=2	6x2=12
8-2=6	2x6=12

Financial Literacy

In Term 3 all children received a lesson about financial literacy from ASB bank. The key messages about money across the school were to:
  Save, Spend & Share (donate, buy gifts).
Remember to:
'Speed to your needs and wait for your wants'.

Thank you for your continued support of our maths programmes at Sunnybrae.
Mary Waters and Melanie Hanson
Mathematics Curriculum Leaders 2018