Parent workshop

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Beaumaris Primary School
Prep
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We use maths all the time…….

- What time should my alarm go off in the morning?
- Do I have enough money in my purse to buy petrol?
- How much milk do I need if I want an extra cup of tea?
- How far is it to school?
UNDERSTANDING HOW CHILDREN LEARN MATHEMATICS:

We now know a lot more about how children learn mathematics.

Meaningless rote-learning, mind-numbing drill and practice, and doing it one way - the teacher’s way, is no longer acceptable!

Concepts need to be experienced, Strategies need to be supported in various ways until they are acquired; and EVERYTHING needs to be discussed.
<table>
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<th>Points of growth in Number</th>
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<tr>
<th>Name</th>
<th>Jeremy</th>
<th>James</th>
<th>James</th>
<th>Freya</th>
<th>Evan</th>
<th>Emily</th>
<th>Conor</th>
<th>Bridgit</th>
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**Know some number names but have difficulty stating them in sequence above 10**

**Know numbers before and after a given number to 10**

**Count on from one number to find the total of two collections**

**Choose appropriately from strategies including count back, count down to and count up from in subtraction situations**

**Given a non-zero starting point, can count by 2s, 5s, and 10s to a given target**

**Can apply counting skills in practical tasks**

**Can extend and apply knowledge of place value in solving problems**

**Can solve a range of multiplication and division problems (including multi-digit numbers) in practical contexts**
Changes in maths education.

- More use of concrete materials
- Students learn by discovery
- More problem solving
- Relate maths to real life situations
- More emphasis on mental maths
- Teach space and chance and data
What tips can I use to help my child?

Be positive about math!

- Let your child know that everyone can learn math.
- Let your child know that you think math is important and fun.
- Point out the ways in which different family members use math in their jobs.
What tips can I use to help my child?

- Praise your child when he or she makes an effort, and share in the excitement when he or she solves a problem or understands.
Make math part of your child’s day.

- Include your child in everyday activities that involve math – making purchases, measuring ingredients, counting out plates and utensils for dinner.
In addition to math tools, such as a ruler and a calculator, use handy household objects, such as a measuring cup and containers of various shapes and sizes.
Encourage your child to give explanations.

- When your child is trying to solve a problem, ask what he or she is thinking. If your child seems puzzled, ask him or her to tell you what doesn't make sense. (Talking about their ideas and how they reach solutions helps children learn to reason mathematically.)
Play games: Monopoly, chess, backgammon, dominoes and other games that depend on numbers, counting, calculation and scoring are all good. 'Battleships' is a fun way to use graphs.
Helping your child at home with maths.

- Building on success is important
- Encourage children to work things out for themselves. People learn by linking new ideas to ideas that they already have
- Encourage children to discuss their work
- Children need time to think and time to answer questions
- Work with your child’s teacher!!!
Letter to my child.

I can teach you things,
but I cannot make you learn.
I can allow you freedom,
but I cannot be responsible for it.
I can offer you advice,
but I cannot decide for you.
I can teach you to share,
Letter to my child.

but I cannot make you unselfish.
I can advise you about the facts of life,
but I cannot build your reputation.
I can tell you about drinks and drugs,
but I cannot say “no” for you.
I can teach you about kindness
but I cannot make you gracious.
I can model values for you,
but I cannot make you moral.
I can teach you respect,
but I cannot make you honourable.
I can give you love,
but I cannot make you beautiful inside.
I gave you life,
but I cannot live it for you.
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