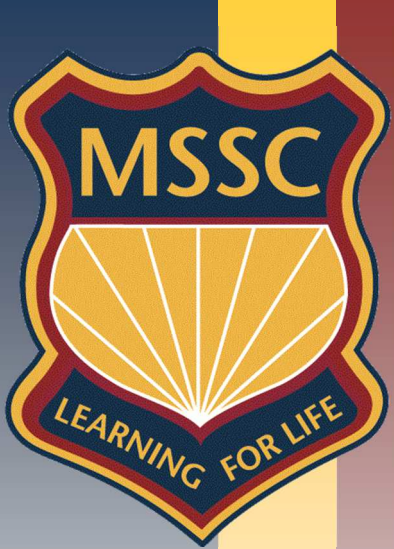




Skills for Academic Success



Welcome

Kevin Fullbrook

The workshop will cover:



Maths Background



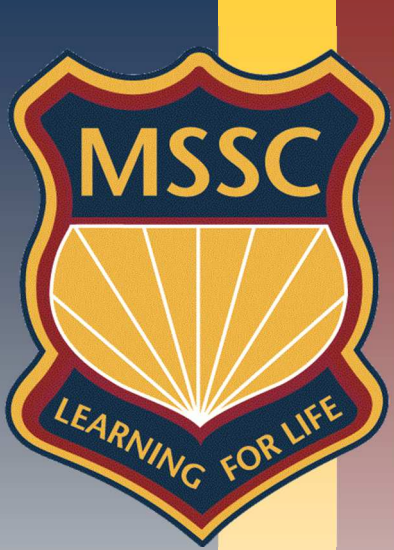
College Wide Numeracy Program



Some tips for you

The workshop will include classroom strategies/techniques used.

You will take with you tips/skills you can use with your child(ren).



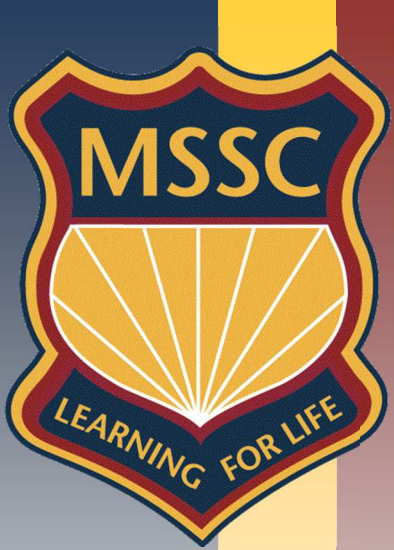
Welcome

Anmarie Offord-Kable

Learning Goals

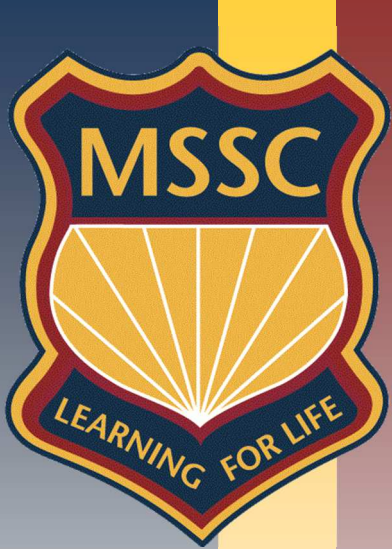
I will be able to:

- *Understand the importance of a positive attitude towards Maths*
- *Understand how the Numeracy Program at MSSC works*



College Focus

Your attitude towards Maths



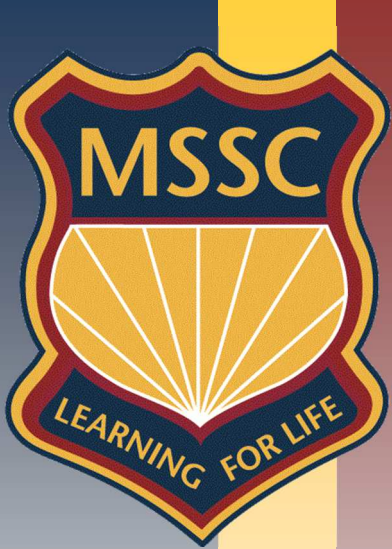
Let's Preview

Draw a smiley of your feelings when I mention the word maths.



Let's poll the results:

Thumbs up if you had a positive face, thumbs down for a negative face and wiggle your hand for in-between.

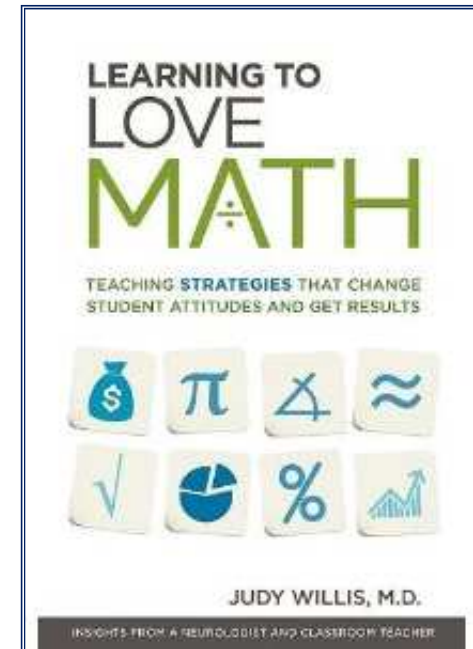


Learning to Love Math

Judy Willis MD

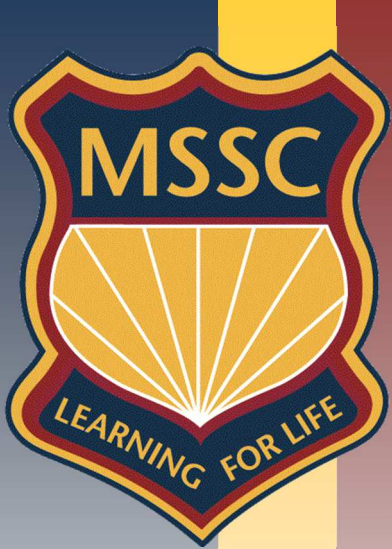
Why is there so much negativity towards Math?

- Low self-expectation
- Parental bias??
- Inadequate skills
- Failure to engage



Why is this important?

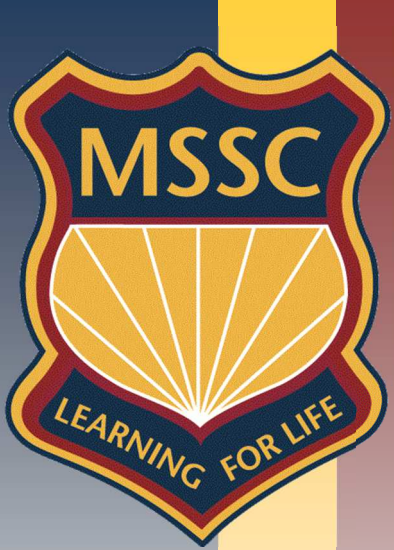
- Research shows that emotion hijacks the frontal cortex and hence our problem solving skills
- We need students to feel comfortable and confident with maths if we want them to be successful
- How can you help?



Why I love Maths

Anmarie Offord-Kable

- ☐ It's beautiful
- ☐ It's trustworthy and dependable
- ☐ It's something I am good at
- ☐ It's the underdog
-you regularly have to overcome peoples fear of Maths



College Focus

Our Numeracy Program



What is Numeracy?

Anmarie Offord-Kable

AAMT policy statement:

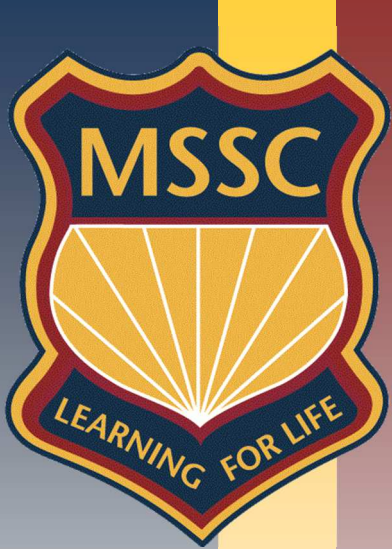
To be numerate is to use mathematics effectively to meet the general demands of life at home, in paid work, and for participation in community and civic life.

If we think of numeracy as the basic maths skills needed to be a successful citizen in our world, then what is numeracy to you?

Think-pair-share:

With your elbow partner work out which is the correct answer



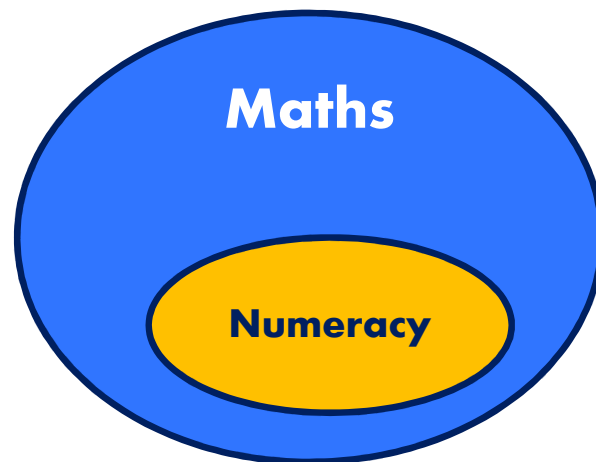


Numeracy versus Maths

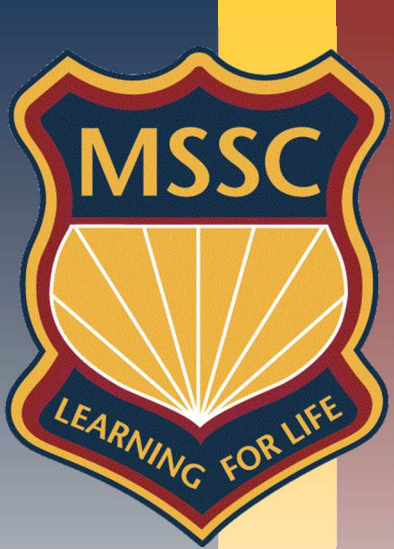
Anmarie Offord-Kable



Squares are to rectangles like
numeracy is to maths



Numeracy is a
sub-set of
Maths



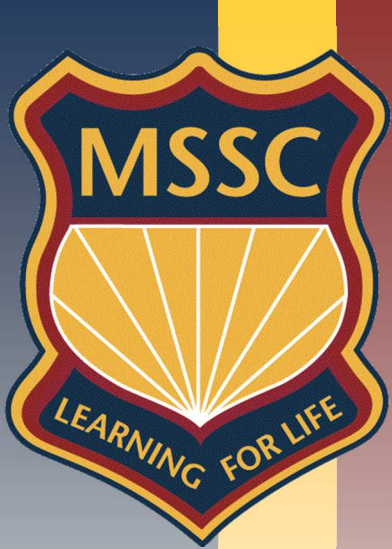
College Wide Numeracy Program

Four Maths lessons a week:

- 3 x Formal Maths lessons addressing the national curriculum
- 1 x Numeracy skill building lesson

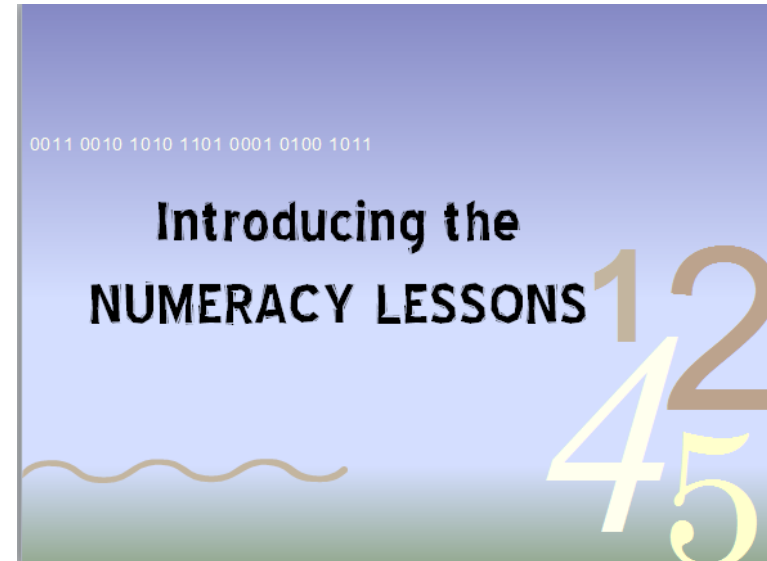
Numeracy Starters:

- 7 x Numeracy starters in every subject area



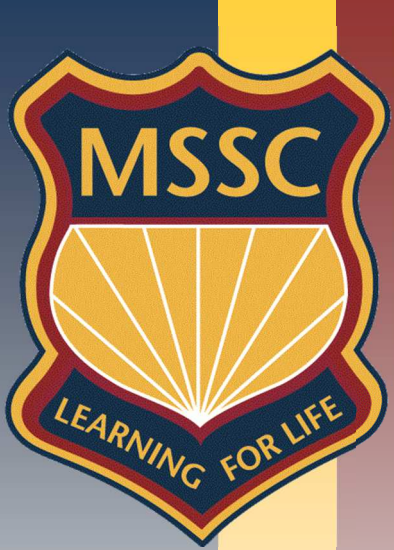
Maths Numeracy Lessons

Numeracy PowerPoint



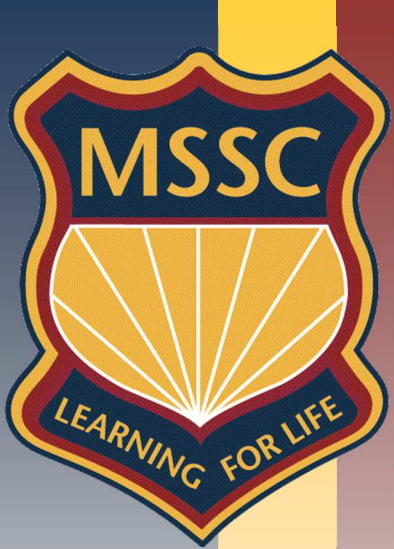
This PowerPoint was presented to all students at our college.

- ☐ What is Numeracy
- ☐ An example
- ☐ Formal maths versus Numeracy skills



College Focus

Some tips
for you



What can you do to help us?

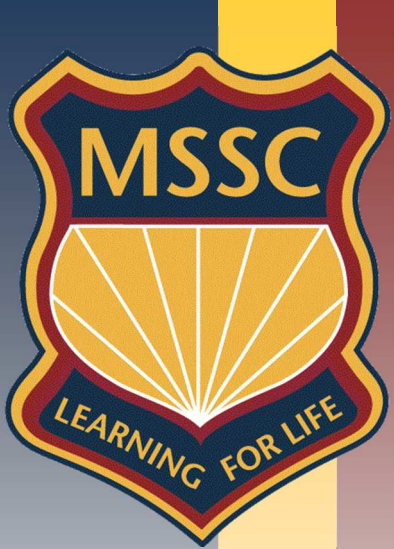
- A positive attitude towards maths and numeracy in your classroom
- Discuss student progress in Numeracy and Maths with them
- Ensure students are completing their homework
- Contact us with any concerns



What can we do to help you?

- Parent Handbook
 - offer lots of information regarding all aspects of numeracy within the College.
- Microsoft Mathematics 4.0
- Some apps
 - iStudy Math (\$0.99)
 - School A to Z
 - Khan Academy
 - Numeracy games





Status check

Do I understand:

- the importance of a positive attitude towards Maths
- the Numeracy Program at MSSC works

Am I:

- Confident I know how to help my child/children with Numeracy / Maths

4: I am test ready and could help someone else

3: I understand but not ready to do a test

2: I kinda get it but need more help

1: I don't understand any of it