


Skills for Academic Success

• Skills for Academic Success 17/4/13 •



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).

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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*


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College Focus


Your attitude towards Maths

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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.

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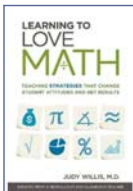


Learning to Love Math

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?

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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


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College Focus

Our Numeracy Program

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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




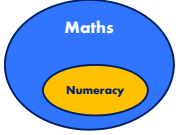
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MSSC
LEARNING FOR LIFE

Numeracy versus Maths

Anmarie Offord-Kable

 Squares are to rectangles like
numeracy is to maths

 **Maths**
Numeracy

Numeracy is a
sub-set of
Maths

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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

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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


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College Focus

Some tips for you

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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

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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



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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

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