



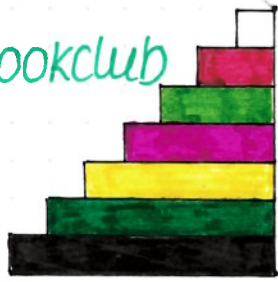
GREENSHAW
LEARNING TRUST

#GLTMathsbookclub

HOSTED BY:

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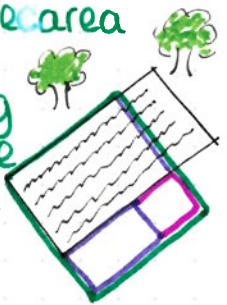
Visible Maths

by Peter Mattock

→ "What is your WHY Pete?...
the inspiration for the book?"

"While watching a BBC documentary called 'The Story of Maths' where

Marcus Du Sautoy describes a problem involving the area of a field and he demonstrated completing the square... it was the first time I saw what it meant to complete the square"



Dare T: I now use the phrase "My preferred method" → keep choice open for students.

Dawn: Q How do you get students comfortable with the manipulatives?

→ "...part of this will be down to pupil's previous experience...
...is it part of their natural way of working

→ "...use the abstract alongside the manipulatives."

'Is it too late with some... e.g. Y10/11?'

'...they've had many years and if they still don't understand then why not? It's unlikely to do any harm.'

'Is it worth the time?'

'providing the models you use can be extended it actually saves time in the long run'

'What about high attainers?'

→ get them generalising
→ ask "show me...", "convince me"

Departmental approach?

→ start small, take time, consider...

"what structure am I trying to expose here?" then decide model/manipulatives.

Sketchnote by @mrshawthorne7

TEACH ABOUT
RATHER THAN
TEACH TO DO

TAKE AWAY by DAWN DYER

"The best thing for me is seeing the links to other reading...
Didau → when students say "when are we going to use this?" means "WHY does this work?"
This book satisfies the need for the why"

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