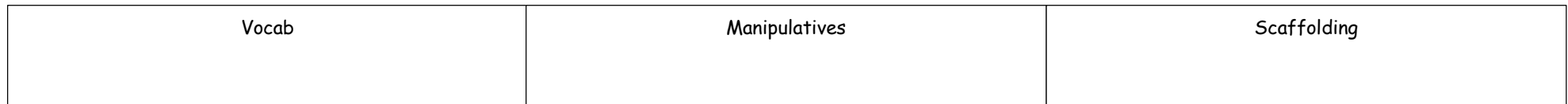
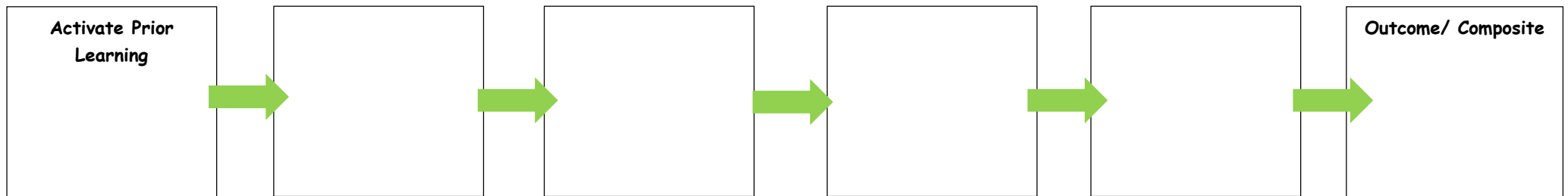




Cardinham School Maths Lesson Planning Template

- Fluent in Five
 - K.I.R.Fs
-
- Teach It & Practice It

Coherent and Sequenced Small Steps



Do It

Secure It

Deepen It



- Times Tables:
 - Year 2: Pupils recall 2x 5x 10x and 3x table (use doubling for 4x and 6x).
 - Year 3: As above and 4x, 6x, 8x and 9x table.
 - Year 4: As above and 7x, 11x and 12x table.

TEACH IT

DO IT -

- Focus on the 'What it is' and 'What it is also' e.g. $3 \times 7 = 10$ is the same as $10 = 3 \times 7$
- Standard examples followed by non-standard examples to challenge procedural fluency (variation in presentation)
- Careful selection of number to deepen understanding

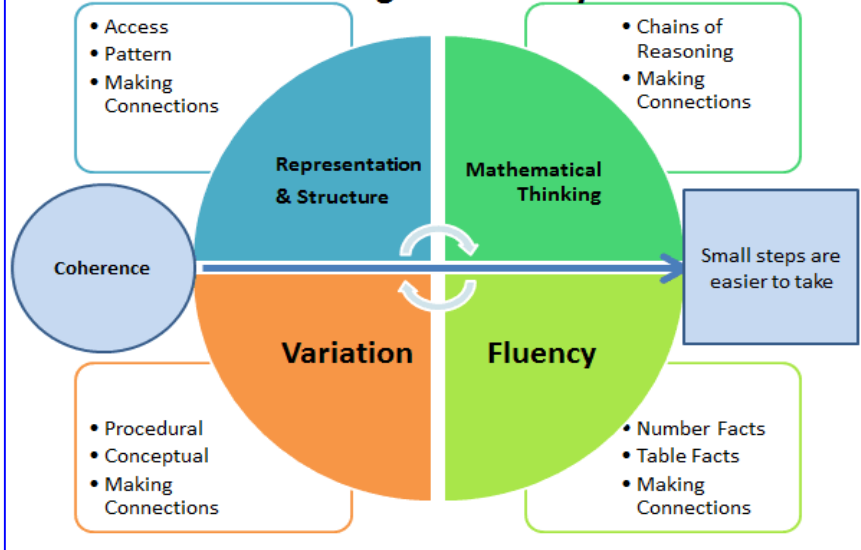
SECURE IT -

- Opportunities to apply understanding by solving familiar and unfamiliar problems including empty box/find the missing symbol, 'Here's the answer - what is the question?', Always/Sometimes/Never, etc to challenge mathematical thinking.
- Active argument tasks - eg True/False, Do you agree? - focusing on misconceptions and opportunities to reason about teacher initiated mistakes to challenge conceptual understanding

DEEPEN IT -

- Application of previous learning - purposeful
- Children have to decide on appropriate methods
- Often more than one step
- Rich investigations

Teaching for Mastery



Teach It

Start the Journey Together

Teach / Model/ Hook

Practise It

Try some questions together

'Have a go'

Do It

Live Marking

End the Journey Together

Secure It

Challenge Understanding and Mathematical Thinking

Deepen It