

Maths

Basildon C. of E. Primary School

Respect, Resilience, Excellence

What do we teach at Basildon?

The National Curriculum outlines the statutory elements of the curriculum

- Fluency
- Reasoning
- Problem Solving

Across the following areas:

- Number
 - Measurement
 - Geometry
 - Data Handling (only Key Stage 2)
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- This explicitly shows us what we need to teach from Year 1 through to Year 6.

How do we teach Maths at Basildon?

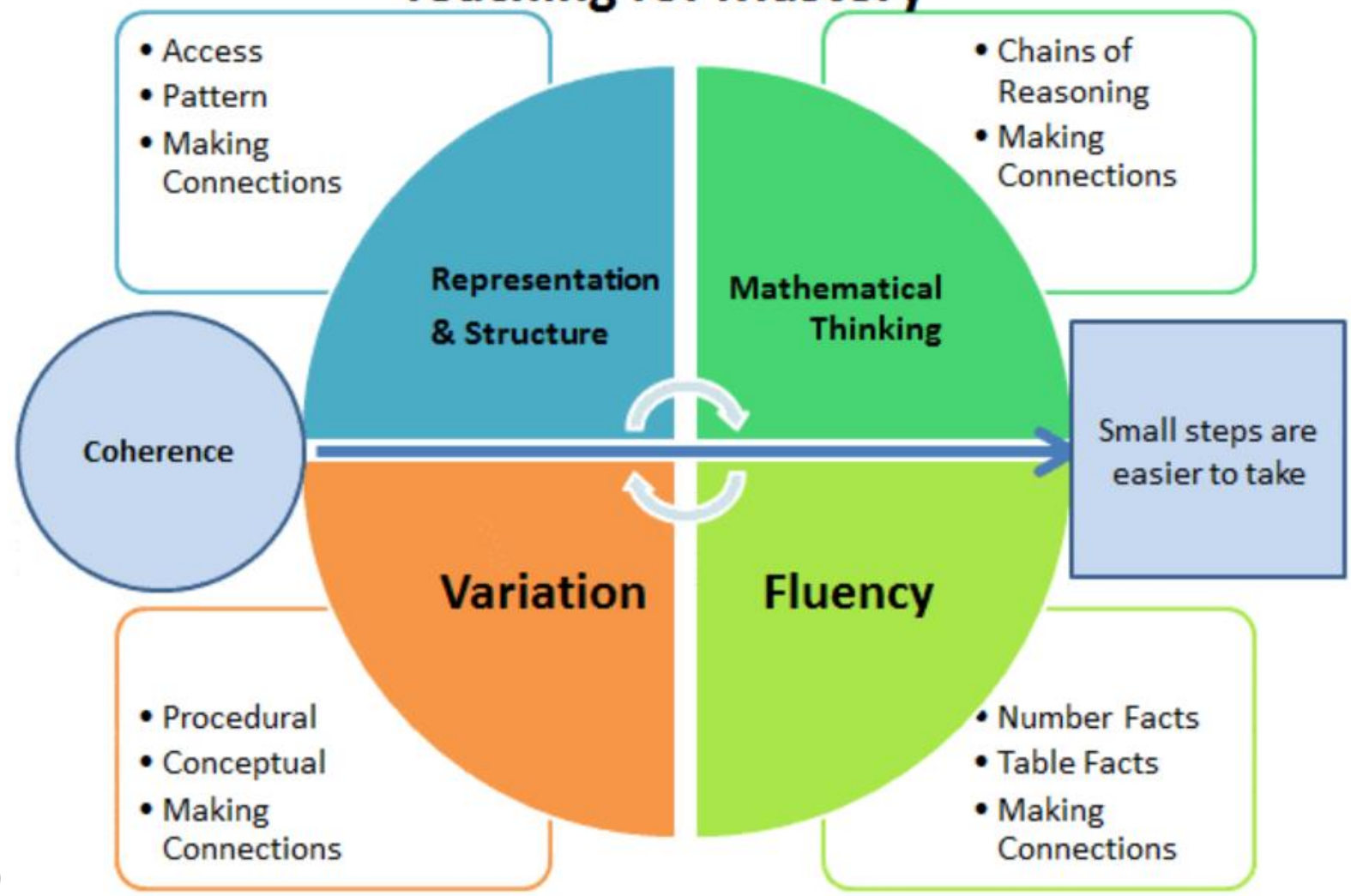
At Basildon we use a 'mastery approach'

- Deep understanding
- Aim is to be next stage ready
- Able to apply across contexts and reason

This focuses upon 5 elements:

- Coherence
- Representation and structure
- Variation
- Fluency
- Mathematical Thinking

Teaching for Mastery



Source
NCETM (website)

Calculation Policy

Two key documents:

- Addition and Subtraction
- Multiplication and Division

Provides

- Overview of the models and images that support concepts, e.g. Place Value Counters
- Each operation is broken down into the skills and the related images, e.g. multiply 2-digit numbers by 1-digit numbers

As parents this is invaluable, as the approaches we use aren't the ones that we were taught at school!

A Daily Lesson (what does it look like?)

Retrieval (What did we learn last lesson? week? month? year?)

Whole class new teaching

- Around the carpet using resources
- Teaching slides

Practice

- Practical or Written in books
- Individual or small group

Working Walls: reflect current learning and provide prompts

Pre-teach sessions to allow less confident children to 'feel' expert.

Daily Interventions that allow children who have found the lesson difficult to have the chance to keep up, rather than continuing

How can you help your child at home?

NumBots or Times
Table Rockstars

Calculation
Progression (use a
model)

Don't teach your
child how you
were learned at
school!

Practice (various Maths Games online, e.g.

www.topmarks.co.uk

www.maths-games.org