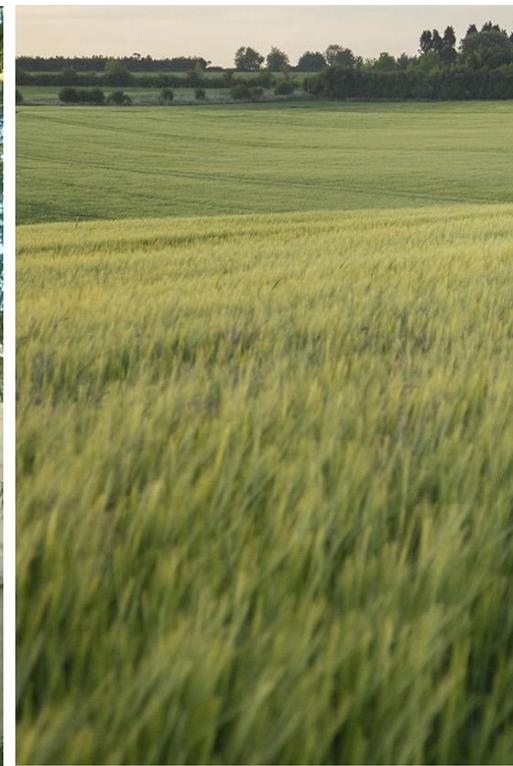
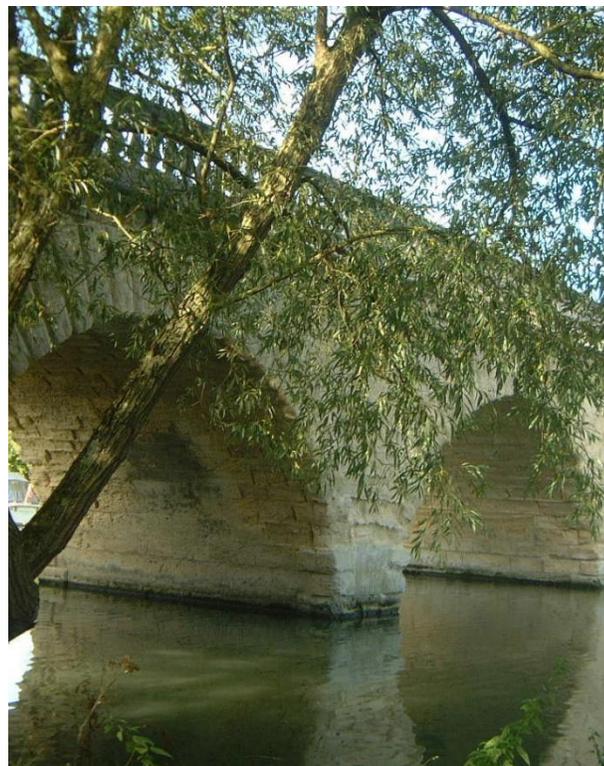
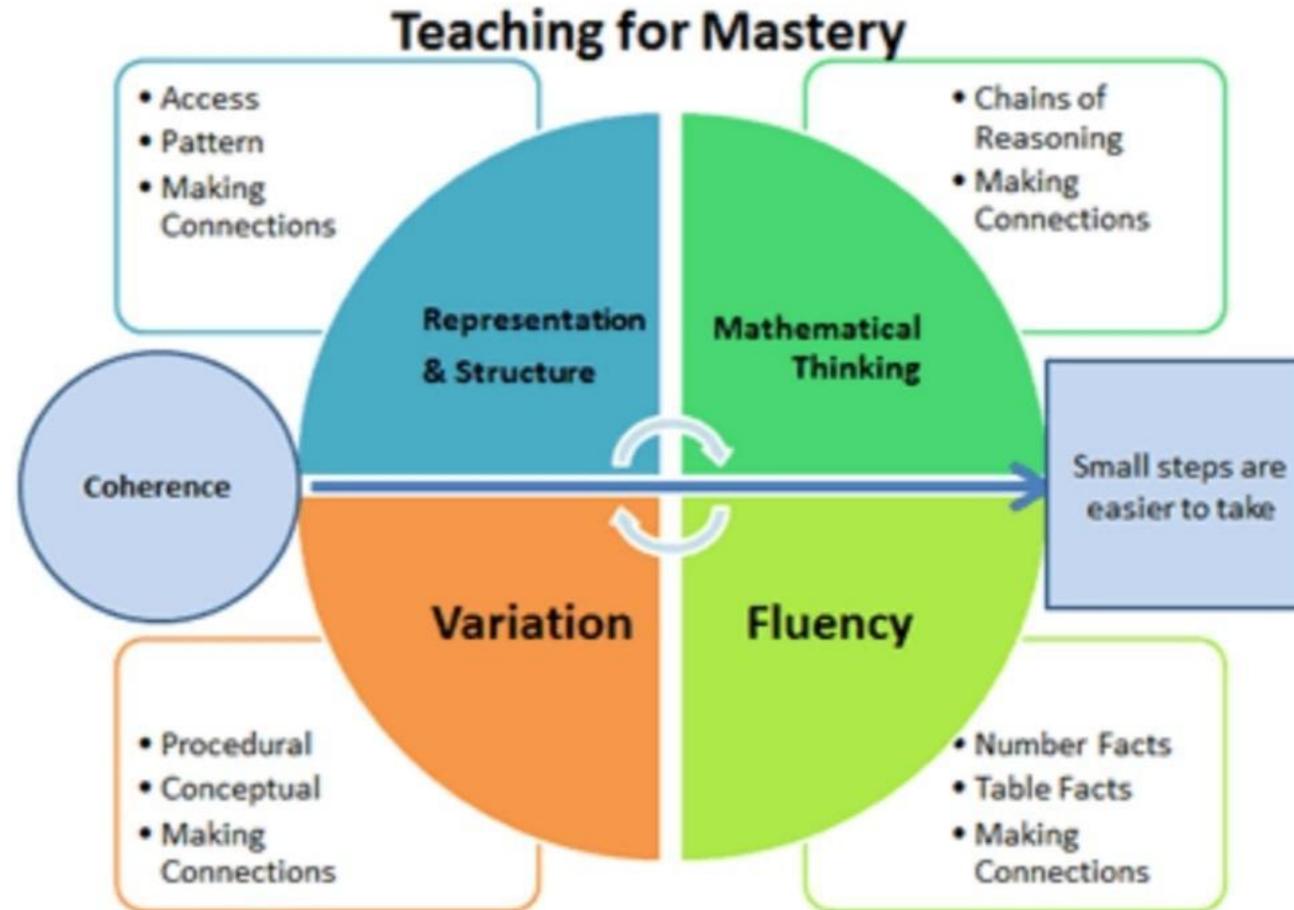


# Mastery Maths presentation



# 5 Key Points of Mastery



# Coherence

Lessons are broken down into small connected steps that gradually unfold the concept, providing access for all children and leading to a generalisation of the concept and the ability to apply the concept to a range of contexts.



# Mathematical Thinking

If taught ideas are to be understood deeply, they must not merely be passively received but must be worked on by the student: thought about, reasoned with and discussed with others



# Representations and Structure

Representations used in lessons expose the mathematical structure being taught, the aim being that students can do the maths without recourse to the representation



# Fluency

Quick and efficient recall of facts and procedures and the flexibility to move between different contexts and representations of mathematics.



# Variation

Variation is twofold. It is firstly about how the teacher represents the concept being taught, often in more than one way, to draw attention to critical aspects, and to develop deep and holistic understanding. It is also about the sequencing of the episodes, activities and exercises used within a lesson and follow up practice, paying attention to what is kept the same and what changes, to connect the mathematics and draw attention to mathematical relationships and structure.





Mixed ability seating



Small steps



Mastery teaching



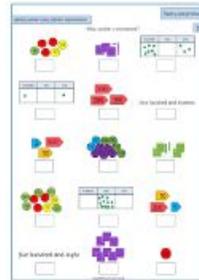
Challenge



Live marking



Rosenshine's questions



Representation

Our universal offer



Kite model



Journaling



Guided practice



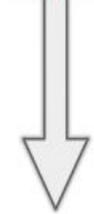
Partner talk/oracy

Review of learning

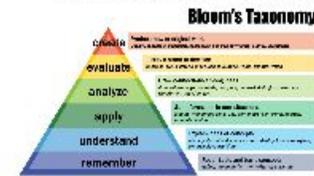


New learning

Show me



Independent learning



I can 1, 2 and 3



Exit task  
Low floor, high ceiling

# Example Lesson

We will now have a try of an example lesson to see what this may look like in action:

<https://whiteboard.explaineverything.com/#WBSUSWAK>

