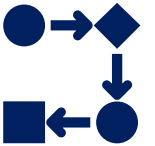




Mastery Teaching & Learning Sequence



Revisit

- 10 Minute Fluency
- Fact Recall
 - Number Bonds
 - Times Tables and Related Divisional Facts
- Four Operation Focus

Starter/ Explore

- Introduce or Review Fundamental Knowledge
- Discuss Concept
- Explore Representation and Structure
- Introduce Key Vocabulary & Stem Sentences
- Make explicit connections to prior knowledge

In Focus/ Hook

- Task focus
- Link to *Real Life* context
- Explore concept using real world manipulatives
- Application of mathematical thinking
- Expose misconceptions

Model/ Teach

- Explicit instruction
- Create working exemplar
- Apply key vocabulary and use stem sentences
- Demonstrate metacognitive thinking
- Reinforce patterns & connections

Guided Practice

- Practice concept / procedure with scaffolds and support
- Incorporate a variation of concept / procedure
- Pose questions to instigate mathematical thinking
- Address misconceptions / non concept through AfL

Independent Practice

- Pupils work independently to apply their understanding of concept / procedure
- Practice includes variation of concept and procedure
- Practice includes problem solving

Deepening Understanding

- Reflect on new learning and connections to existing knowledge
- Pupils apply their understanding to a deeper 'reasoning' problem
- Targeted talk structures promote mathematical discussion