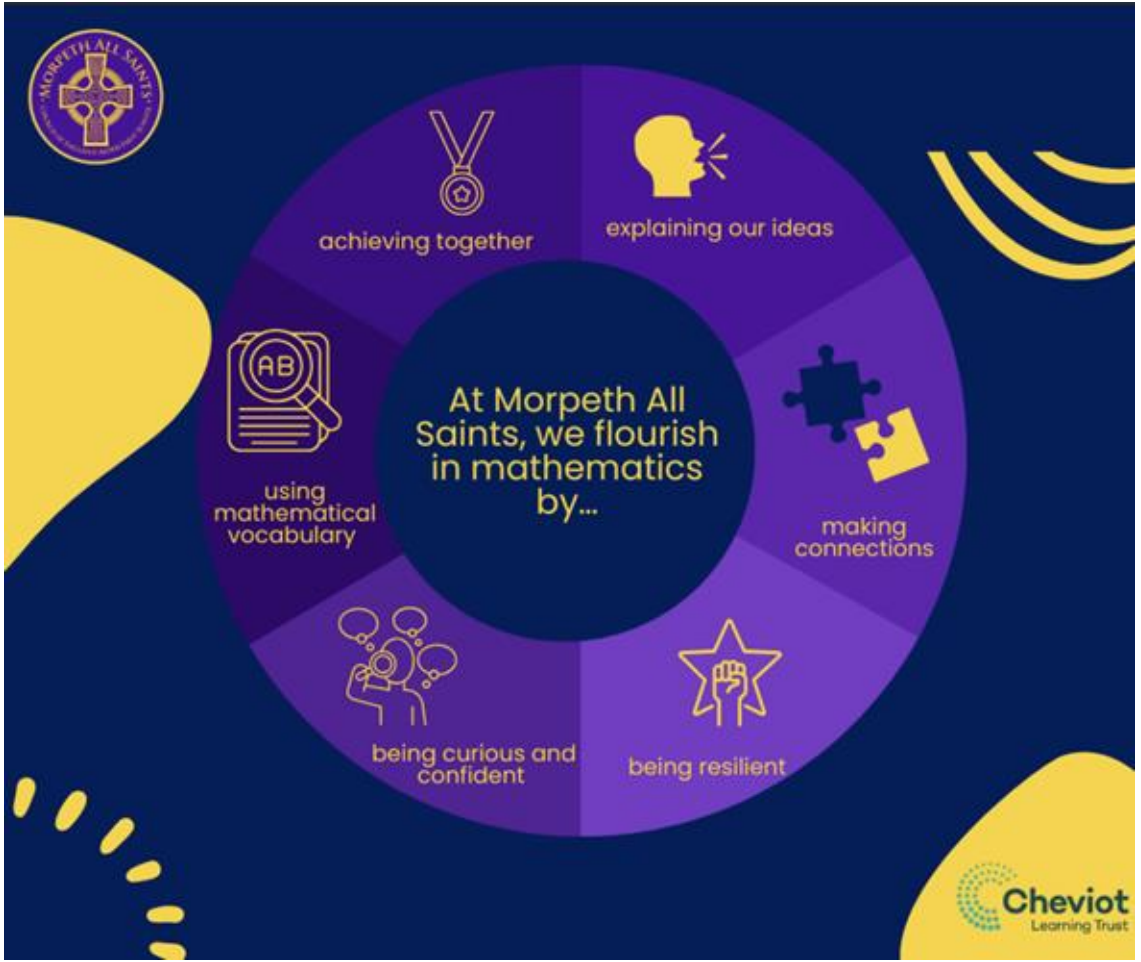
Maths Live

9:40 - 10:00 How we teach maths with Mr O'Halloran (Maths lead)

10:00-10:15 Maths observation of learning

Before we start.. Just take a moment to consider your experience of maths at school

Our vision for maths



How are we achieving this?

Teaching for Mastery in Maths is an approach to mathematics education focused on ensuring that all students develop a deep, secure, and long-term understanding of mathematical concepts. **The idea is that every child can achieve a high level of mathematical understanding, given the right support and time. It emphasises understanding over memorisation, and depth over acceleration.**

All Can Achieve

- **Every child** is capable of learning mathematics to a high standard.
- The curriculum is designed so that no child is left behind, and those who grasp ideas quickly are challenged through depth rather than moving ahead to new content.

Whole-Class Teaching

- Pupils move through the curriculum at the same pace.
- There is a focus on **ensuring conceptual understanding**, not just procedural fluency.
- Teachers use **carefully structured lessons** and high-quality questions.

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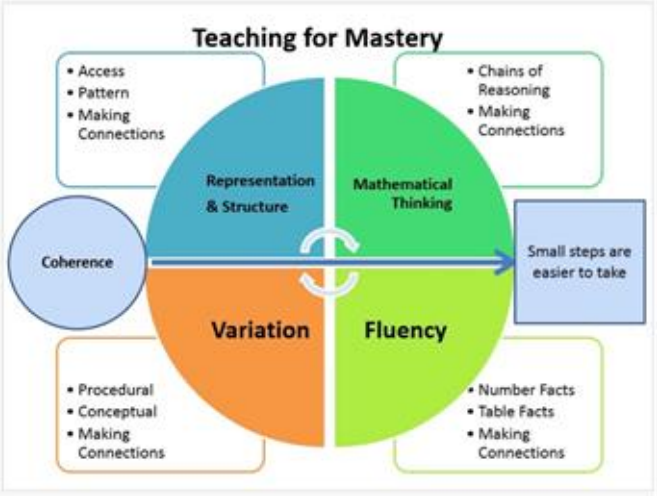
Fluency, Reasoning, and Problem Solving

- Fluency: Rapid and accurate recall of facts and procedures.
- Reasoning: Ability to explain and justify thinking.
- Problem Solving: Applying understanding to new and unfamiliar situations.



Small Steps & Deep Understanding

- Lessons are broken into small, manageable steps.
- Each step is explored thoroughly, ensuring pupils understand why methods work.

Variation

- Conceptual variation: Presenting ideas in multiple ways to show the full picture.
- Procedural variation: Careful sequencing of examples to highlight patterns and connections.

Intervention and Support

- Immediate support is given to pupils who don't grasp a concept.
- This may include same-day interventions or extra practice so they can keep up.

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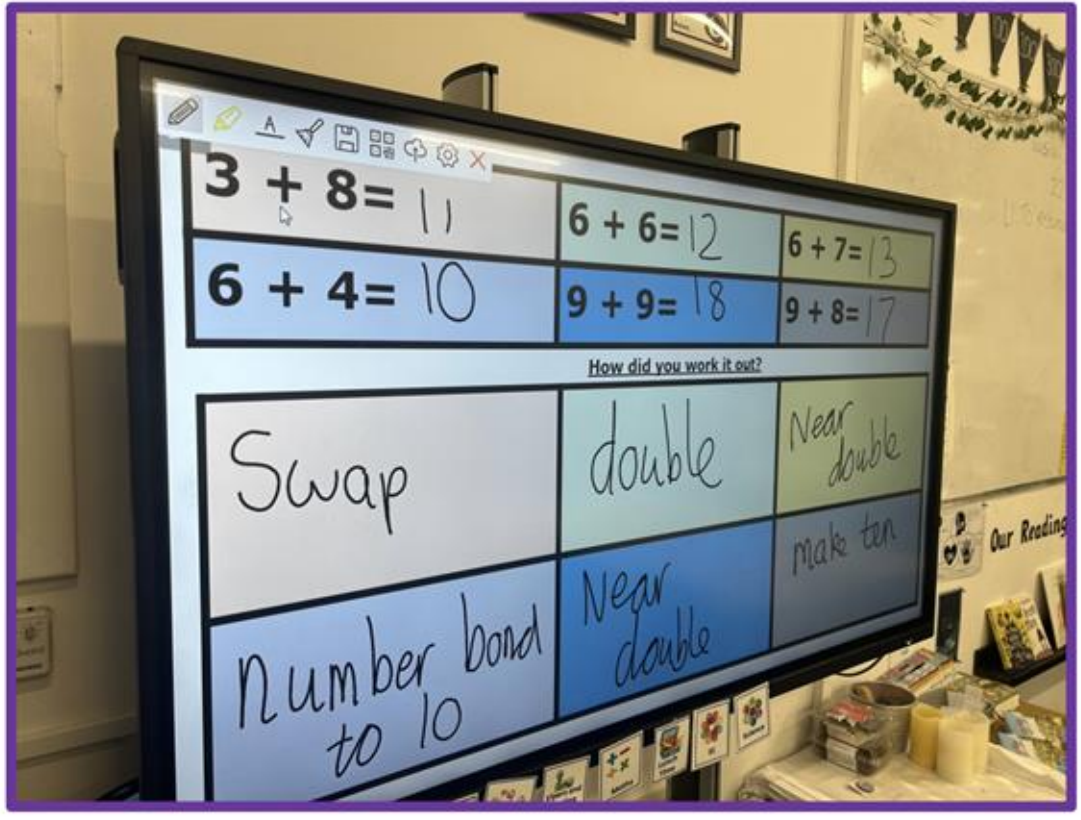
What does this look like in the classroom?

A focus on talk and reasoning



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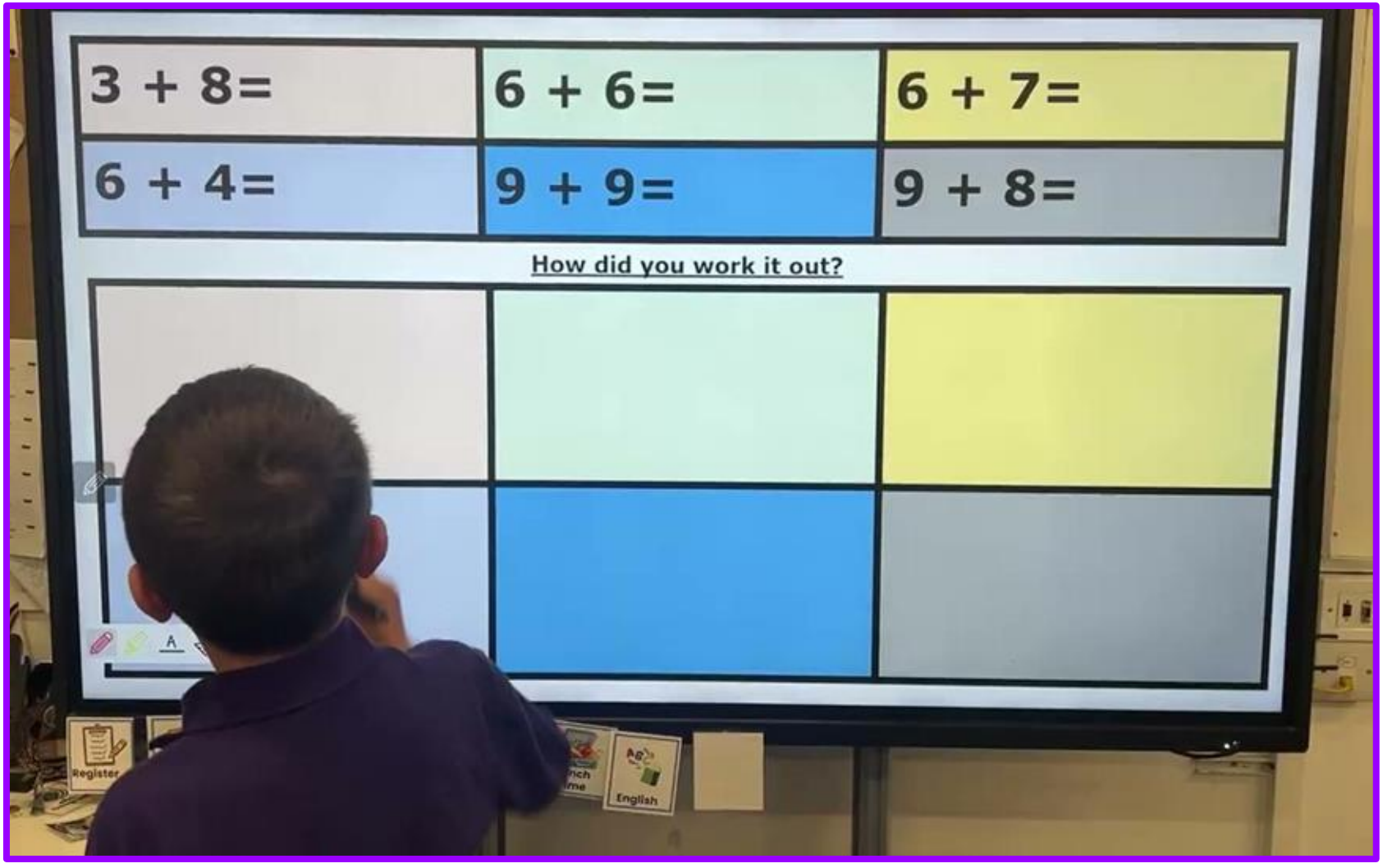
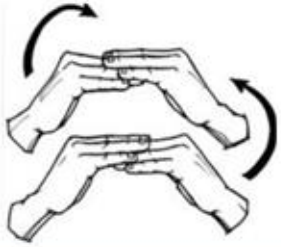

3 + 8=
6 + 6=
6 + 7=
6 + 4=
9 + 9=
9 + 8=
How did you work it out?
Register
English

Agree

Build



Challenge

Love - Joy - Hope - Honesty - Thankfulness

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#draw it

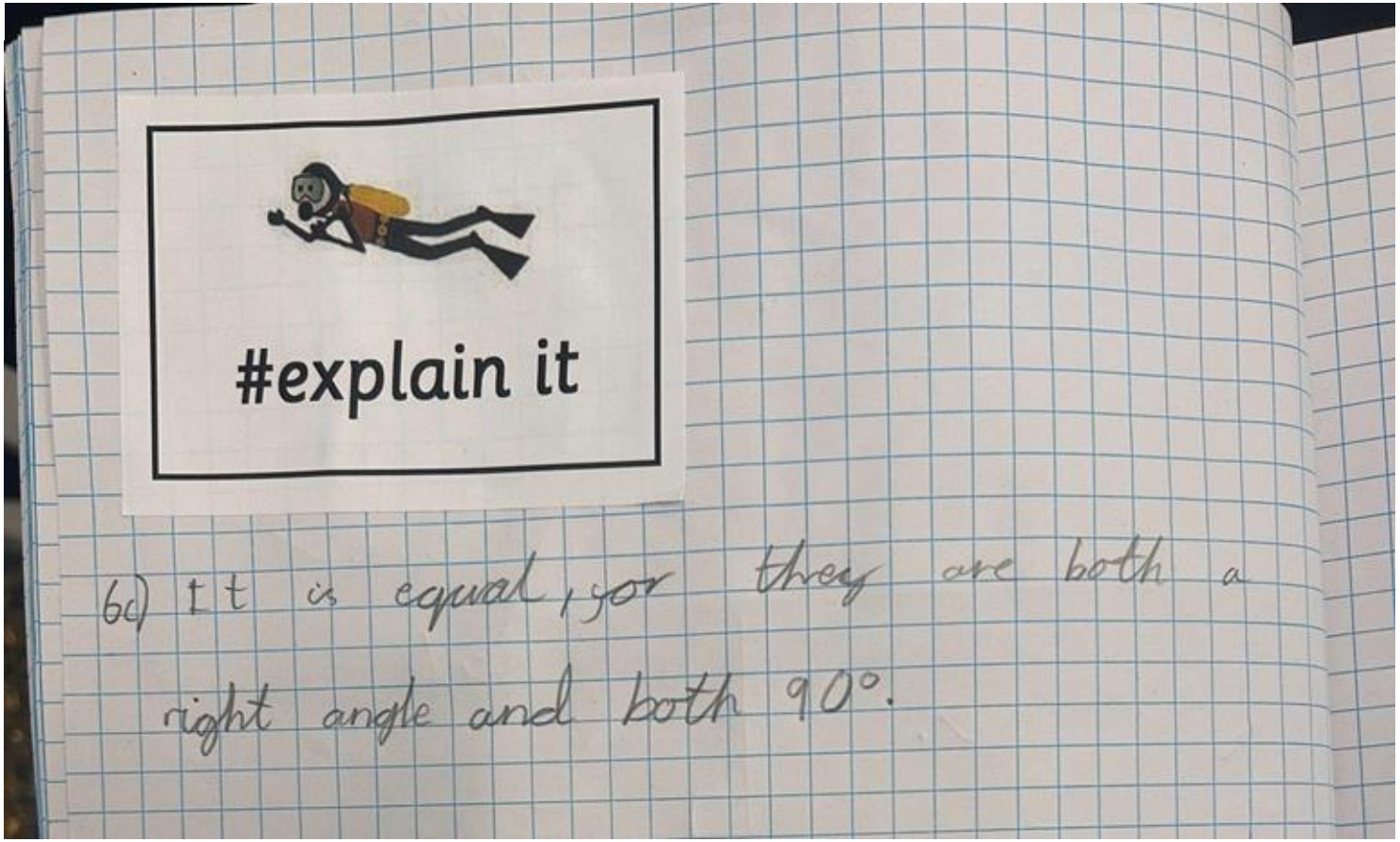
#reverse it

#represent it

#story it

#prove it

#explain it


#explain it
6d) It is equal, for they are both a
right angle and both 90°.

Outside of our maths lessons, we also use....

Number Sense Maths

Winning with Numbers

How could you support at home?

TIMES TABLES ROCK STARS

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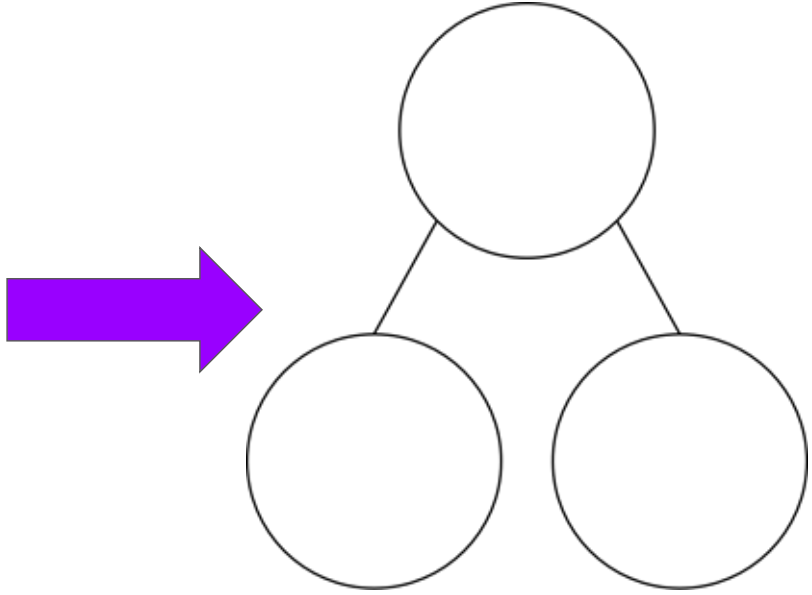
How could you support at home?



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At the start you considered your experience of maths at school.

Through our approach, we want to ensure that every child achieves and flourishes in maths.