

# Improving Teaching & Learning in Mathematics

## Who? Academic Staff

**Action Driver** – *Guidance from the NCETM 'Maths planning for the rest of 2020/21 should take account of disrupted schooling in the past two academic years rather than starting the summer curriculum as usual. Linked topics can be addressed together, starting with those from the year below.*  
*Guidance from the EEF for improving teaching and learning in Mathematics in Key Stage 2 and 3 made 8 recommendations including use manipulatives and representations.*

## Target and Expectation

Planners adapt coverage to meet RTP criteria. Planning explicitly makes use of key pictorial representations and vocabulary. Teachers refer to these throughout lessons.

## Support / Guidance / Prof Development

Summer Term 2021 key documents –

Y:\Teaching & Learning\Subjects\Mathematics\2020-21\Summer Term 2021

Staff Meeting April 2021 key documents –

Y:\Teaching & Learning\Subjects\Mathematics\2020-21\Staff Meeting April 2021

Please also see Maths CPD page on website – visit Staff page and login to access.

**Drop-in coaching and exemplification:** April 19<sup>th</sup>  
– 4 weeks

**Quality Assurance:** May 17<sup>th</sup> onwards

**Leader:** LLT

## Action

Maths planners - Year group planning to prioritise coverage of the Ready to Progress criteria identified in June 2020 NCETM guidance.

Where appropriate, coverage includes previous year objectives too. Objectives are recorded on Curriculum Prioritisation grid. Review (based on assessment data) is recorded on this grid in the Notes section. Speak with NG for guidance on accessing the data.

Maths planners use rich questions within planning (use White Rose, I See Reasoning and I See Problem Solving).

Maths planners and teachers equip children with different strategies for problem solving (see Ultimate Guide to Problem Solving Techniques).

Maths planners and teachers - Lessons make explicit use of key pictorial representations and vocabulary (language structures) included in the June 2020 NCETM guidance. They also make explicit use of concrete apparatus where appropriate.

Maths planners and teachers – Within 2 weeks of completing a unit, the Forms quiz on that unit is taken by the children. Maths planners to speak with NG if adjustments are needed for the assessments – identified during PPA session.

Maths planners – If all RTP criteria for the current year group are complete, priority moves to any topics not already covered from the White Rose summer scheme of learning.

## Consistency



# Chesswood Junior School

