

# CORE CURRICULUM

## Primary Mathematics Update: Spring 2020

Hope you are keeping safe and well in such difficult circumstances. We were able to deliver all but one of the spring term updates and wanted to give you a brief overview of what was discussed at the meetings with some key questions you may want to explore when appropriate for your school.

### Agenda: Spring 2020

- Ofsted deep dive
- DfE Draft Engagement Model
- Reception Baseline Assessment (RBA)
- EEF Report: Improving mathematics in the EYs/KS1
- WR Resources
- NCETM PD Mastery materials

### Ofsted Deep dive



- What is your vision for Maths?
- Do you know what is happening in Maths across the school?
- Where have you identified weaknesses and what are you doing about it?
- Where is the evidence of what you have put in place and the impact it has had?
- As subject leader what support do you provide to ensure a good work life balance for staff?

### DfE Draft Engagement model

- The engagement model replaces P scales 1 to 4 and will become statutory from the **2020/21** academic year.
- This guidance sets out the statutory requirements for using the engagement model to assess pupils who are working below the standard of the national curriculum assessments and not engaged in subject-specific study at key stage 1 (KS1) and key stage 2 (KS2).

### Reception baseline assessment (RBA)

All new Primary school pupils will take the RBA from September 2020.

### EEF Report: Improving mathematics in the EYs and KS1

Recommendations:

1. Develop practitioners' understanding of how children learn mathematics
2. Dedicate time for children to learn mathematics and integrate mathematics throughout the day
3. Use manipulatives and representations to develop understanding
4. Ensure that teaching builds on what children already know
5. Use high quality targeted support to help all children learn mathematics

<https://educationendowmentfoundation.org.uk/index.php?/tools/guidance-reports/early-maths>

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## White Rose (WR) Resources

- KS1 and KS2 problem of the day 2020
- IWB files available for Reception summer term
- Home learning materials for all year groups and Easter activities



- How are these resources being used (if used) and are they effective?
- Are staff using problems of the day from previous years/
- Are Reception staff aware of the WR IWB files?

## NCETM PD Mastery materials

3 strands:

- Addition and subtraction: Y1 – Y6
- Multiplication and division: Y1 – Y6
- Fractions: KS1, Y3 - Y6

Each strand has a number of segments that have been organised into year groups.

Each segment has a link to a teacher guide and a set of representations in PowerPoint format. Some of these materials are being exemplified in recently published lessons provided by NCETM to support home learning during school closures.

<https://www.ncetm.org.uk/resources/54454>

## Next Steps

Subject Leaders might like to consider:

- Delivering a PD session using one of the spines and year groups with staff (or consider an alternative way to feedback)
- Downloading the EEF report 'Improving mathematics in the EYs and KS1' and discuss with relevant staff
- Downloading WR Problem of the Day 2020 and use other materials with Y2 and/or 6 (as appropriate)

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