

## MATHS Learn at Home packs: Year 5, Week 3

**These notes are intended for teachers** who are using these materials to continue to teach their class using any form of online file sharing, alongside group chats/ video conferencing, etc.

The 'timetable' for this week's teaching and learning is as follows

- **Day 1** – Using the reminders slides, children revise multiples & factors and highest common factor/lowest common multiple. Encourage children to have a go at the problem-solving investigation, possibly through [an online tutorial](#).
- **Day 2** – *Provide some teacher input*, using the PowerPoint presentation\* on short multiplication. If children can access this presentation, they can hear the explanation linking the grid method, where place value is explicit, to the short multiplication algorithm. Practice exercises and Mastery Questions follow.
- **Day 3** – Children revise short multiplication, then use this to multiply amounts of money, referring back to grid method to check understanding.
- **Day 4** – *Provide some teacher input*, using the Presentation\* on short division. If children can access this in PowerPoint, they hear the voice over. Having reminded themselves of short division, they practise and then check their understanding using the Mastery Questions.
- **Day 5** – Children continue with short division, this time of bigger numbers. They will benefit from some *teacher input* when they are doing the problem-solving *Investigation* which can be used to check their understanding.

**Day 1** – Lowest common multiples and highest common factors

**Day 2** – Explaining short multiplication via grid method

**Day 3** – Using short multiplication to multiply amounts of money

**Day 4** – Use short division of 3-digit numbers to solve problems

**Day 5** – Use short division of 4-digit numbers to solve problems

### Structure of materials

	PowerPoint lesson	Learning Reminders	Practice Sheet(s)	Problem solving task	A bit Stuck?	Check your understanding
Day 1		✓	✓	✓	✓	✓
Day 2	✓	✓	✓		✓	✓
Day 3		✓	✓		✓	✓
Day 4	✓	✓	✓		✓	✓
Day 5		✓	✓	✓	✓	

*\*PowerPoint presentations are provided. You could use your phone to film yourself going through these on a laptop. OR parents and children can access them at home, preferably in PowerPoint, but also as images on a tablet. You can then talk these through. Or you may have a clever online way, perhaps through the school's website, of sharing these presentations with children at home.*