

MATHS Learn at Home packs: Year 5, Week 7

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 *Learning Reminders*, children review strategies for multiplying and dividing decimals by 10, 100 and 1000. They go on to practise this and can apply knowledge and understanding in an investigation.
- **Day 2** – *Provide some teacher input*, using the *PowerPoint presentation* on using Frog (counting up) to subtract pairs of decimal numbers*. If children can access this, they hear the explanation of how to apply this familiar method to decimal numbers. They practise this in exercises and an investigation.
- **Day 3** – Using the *Learning Reminders*, children review strategies for solving both 1 and 2- step word problems. After tackling the practice exercises, they use the problem solving and reasoning questions to check understanding.
- **Day 4** – Children use the *Learning Reminders* to review both the grid and short multiplication methods for multiplying a 4-digit number by a 1-digit number. Practice exercises and a great investigation follow.
- **Day 5** – *Provide some teacher input*, using the *PowerPoint presentation* on multiplying a pair of 2-digit numbers using grid multiplication*. Practice exercises and an investigation follow. Children can use the problem solving and reasoning questions to check their understanding.

Day 1 – Multiply and divide decimals by 10, 100 and 1000.

Day 2 – Use counting up – 'Frog' to subtract pairs of decimal numbers.

Day 3 – Use counting up to solve subtraction word problems.

Day 4 – Use grid and short multiplication to multiply 4-digit by 1-digit numbers.

Day 5 – Multiply a pair of 2-digit numbers using grid multiplication.

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 can 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.*