

MATHS Learn at Home packs: Year 6, Week 5

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** – Children use rounding to estimate which 4-digit number by 1-digit number multiplication will give an answer close to 20,000; then other targets. Learning reminders show how to lay out short and grid multiplications.
- **Day 2** – *Provide some teacher input*, using the PowerPoint presentation* on **short division**. If children access this, they learn how to move a ‘sticky note’ to focus on each digit in turn, and different ways to deal with remainders. They practise short division, incl. word problems, deciding how to treat remainders.
- **Day 3** – The bar model shows the link between fractions and percentages, as proportions of numbers of children. Use equivalence to answer questions.
- **Day 4** – *Provide some teacher input*, using the Presentation* on **writing simple formulae**. If children access this, they hear the voice over, which is useful as algebra can be a difficult concept for many who need additional explanations. Children then practise writing simple formulae.
- **Day 5** – Children look at inputs/outputs of function machines to work out their function. They learn to write the output in terms of n , the input. Consider providing *some teacher input* to support children having a go at the investigation.

Day 1 – Short multiplication (4-digit numbers by 1-digit numbers).

Day 2 – Short division (4-digit numbers by 1-digit numbers).

Day 3 – Fractions and percentages as proportion.

Day 4 – Using and writing simple formulae.

Day 5 – Using function machines, writing generalisations.

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.*