

MATHS Learn at Home packs: Year 5, Week 14

These notes are intended for teachers who are using these materials to continue to teach their class using any form of online file sharing.

'Your home-learning resources have helped our school immeasurably: they're so clear, and the fact that they are in daily chunks, with plenty of explanation for parents at home, has made them invaluable.' Nick, a Suffolk primary teacher.

Our small team have been working around the clock to produce these materials and we're really happy that huge numbers of teachers, schools and parents have found them useful – and emailed us to say so!

If you're not a regular user of Hamilton, why not consider becoming a [Friend of the charity](#) to access the teaching materials in English, Maths and Topics for the whole year? Or take a moment to browse our [free resources for schools](#).

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

- **Day 1** – *Provide some teacher input, using the PowerPoint presentation* on short division* with 3- and 4-digit numbers, including examples with remainders. Use the exercises and investigation to practise this.
- **Day 2** – Using the *Learning Reminders*, look at again at short division, writing remainders as fractions. Then try the exercises and investigation to practise this in context.
- **Day 3** – Using the *Learning Reminders*, practise writing remainders as fractions when completing short division. Try the practice exercise then use the problem solving and reasoning questions to check understanding.
- **Day 4** – *Provide some teacher input, using the PowerPoint presentation* to revise metric units*. Apply skills in a practice exercise and an investigation.
- **Day 5** – Explore the *Learning Reminders* to study commonly-used imperial units and their metric equivalents. Use this in practice, then use the problem solving and reasoning questions to check understanding of this topic.

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		✓	✓		✓	✓

Summary of Learning

Day 1 – Use short division to divide 3- and 4-digit numbers by 1-digit numbers, including those that leave a remainder.

Day 2 – Use short division to divide 4-digit numbers by 1-digit numbers, expressing the remainders as fractions.

Day 3 – Revise short division of 4-digit numbers, expressing remainders as fractions.

Day 4 – Convert between grams and kilograms, millilitres and litres, metres and kilometres.

Day 5 – Know regularly-used imperial units and approximate metric equivalents; convert between units.

**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.*