

MATHS Learn at Home packs: Year 4, 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 round 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 voiced PowerPoint presentation* on dividing using 'chunking'* on an empty number line; then with the 'bus shelter' layout. Children complete an activity sheet and investigation.
- **Day 2** – Use *Learning Reminders* to continue learning about division, looking at how to write remainders as fractions. Rehearse skills on a practice sheet, then apply in an investigation.
- **Day 3** – Use *Learning Reminders* to explore solving division problems taking particular account of how to interpret a remainder. Complete a practice sheet, then check understanding with the problem solving and reasoning questions.
- **Day 4** – *Provide some teacher input, using the PowerPoint presentation* on counting sequences*. Children practise counting on and back in 25s and 1000s using an activity sheet and investigation.
- **Day 5** – Explore the *Learning Reminders* to learn how to write numbers up to 100 as Roman numerals. Try the practice sheets 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 – Divide 2-digit numbers by 1-digit numbers, using a vertical layout for 'chunking'.

Day 2 – Divide 2-digit numbers by 1-digit numbers: answers < 30 , writing remainders as fractions.

Day 3 – Solve division problems, interpreting remainders appropriately.

Day 4 – Count on and back in steps of 25 and 1000.

Day 5 – Use Roman numerals to 100.

**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.*