

MATHS Learn at Home packs: Year 4, Week 15

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 PowerPoint presentation* revising using a fraction wall to find equivalent fractions. Children practise this using the activity sheet and investigation.
- **Day 2** – Use *Learning Reminders* to revise finding a fractional amount. Practise this using the activity sheet and investigation; use the problem solving and reasoning questions to check understanding of this topic.
- **Day 3** – Using *Learning Reminders*, review strategies for recalling times tables facts. Try out the multiplication 'arithmagons', then the problem and reasoning questions.
- **Day 4** – Using *Learning Reminders*, review strategies for adding 3-digit numbers. Try out the addition investigation and then the problem and reasoning questions.
- **Day 5** – Using *Learning Reminders*, review inverse operations. Use this idea to solve some number puzzles and then the problem and reasoning questions.

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		✓		✓ (number puzzles)		✓

Summary of the week

Day 1 – Revise equivalent fractions.

Day 2 – Revise finding non-unit fractions of amounts.

Day 3 – Multiplication ‘arithmagons’.

Day 4 – Investigating addition on a number grid.

Day 5 – Solving number puzzles.

**A PowerPoint presentation is provided. You can use your phone to film yourself going through this 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.*