

## MATHS Learn at Home packs: Year 4, Week 13

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.

*'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\* on using times tables facts and place value to solve divisions of multiples of 10 and 100.* Children then practise this using the activity sheet and investigation.
- **Day 2** – Use *Learning Reminders* to revise converting between metres and centimetres and to explore how to solve scaling problems. Try out strategies using the following exercises and investigation.
- **Day 3** – Use *Learning Reminders* to look at how to solve a *correspondence problem*. Apply skills using practice activities and investigation; then use the problem solving and reasoning questions to check understanding.
- **Day 4** – Use *Learning Reminders* to revise converting between kilograms and grams. Put skills to the test on the practice sheets and investigation.
- **Day 5** – The *Learning Reminders* show how to compare two weights when one is given in kilograms and the other in grams. Try out strategies on the practice sheets; then check understanding with problem solving 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		✓	✓		✓	✓

**Day 1** – Use knowledge of times tables and place value to divide multiples of 10.

**Day 2** – Solve scaling problems. Convert from centimetres to metres.

**Day 3** – Solve correspondence problems.

**Day 4** – Convert from kilograms to grams and vice versa.

**Day 5** – Order items by mass/weight.

*\*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.*