

## MATHS Learn at Home packs: Year 3, 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 expanded and compact column addition.* If children access this, they will hear teaching, one step at a time. Children practise using their preferred layout.
- **Day 2** – Children explore the Learning Reminders to rehearse how to round 3-digit numbers to the nearest 10 or 100 to help them estimate the sum of pairs of 3-digit numbers. They practise using compact addition, then apply skills in an investigation - an opportunity to gain further fluency.
- **Day 3** – Children are shown how they can use the same written methods to calculate totals of three or four 2-digit numbers. There is an investigation to give opportunity to gain further fluency.
- **Day 4** – Children practise identifying right angles; then angles less or greater than a right angle.
- **Day 5** – In the Learning Reminders, children are shown horizontal, vertical, perpendicular and parallel lines. They are asked to identify these in the practice sheets. There is an investigation to get them thinking!

### 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** – Revise using expanded and compact addition to add any pair of 3-digit numbers.

**Day 2** – Use compact addition to add pairs of 3-digit numbers. Estimate totals.

**Day 3** – Add three or four 2-digit numbers using expanded or compact addition.

**Day 4** – Identify right angles, and angles greater than or less than a right angle.

**Day 5** – Identify horizontal, vertical, perpendicular and parallel lines.

*\*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.*