MATHS Learn at Home packs: Year 5, Week 13

'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 how to add and subtract near multiples of 10, 100 and 1000. Use the practice exercise and investigation to rehearse and apply these strategies.
- **Day 2** – Using *Learning Reminders*, recall a range of strategies for mental calculation. Use the practice exercise and investigation to rehearse and apply these strategies.
- **Day 3** – Explore the *Learning Reminders* to consider examples of how to balance the left and right-hand side of an equation. Rehearse skills in a practice exercise, then use problem solving and reasoning questions to check understanding.
- **Day 4** – *Provide some teacher input*, using the PowerPoint presentation***** on finding the area of a rectangle, knowing appropriate units to use for different areas. This is used in the following practice exercise and an investigation.
- **Day 5** – Using *Learning Reminders*, look at how to find the area of an irregular shape. Try this out in a practical task and the practice exercise; then use the problem solving and reasoning questions to check understanding.

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 – Add and subtract near multiples of 10, 100, 1000.

Day 2 – Use pairs to 100, other facts and place value to mentally add and subtract, including decimal numbers and money.

Day 3 – Understand and use equivalence to find unknown quantities.

Day 4 – Find areas of squares and rectangles in cm^2; investigate area and perimeter.

Day 5 – Estimate and find the area of irregular shapes.

*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.