

MATHS Learn at Home packs: Year 3, Week 11

These notes are intended for teachers who are using these materials to continue to teach their class using online file sharing/ 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** – Children explore the Learning Reminders to rehearse counting on/back in 10s/100s to add and subtract multiples of 10 and 100. They consider if one or two digits will change. There is an investigation to further challenge their use of place value to add and subtract.
- **Day 2** – *Provide some teacher input, using the PowerPoint presentation** on adding and subtracting 'near multiples' of 10. If children can access this, they will see the counting on/back in 10s on number grids, and the adjustment of 1 to add/subtract near multiples of 10. Children use this strategy on the practice sheets.
- **Day 3** – Children are asked to watch a video clip about symmetry before identifying lines of symmetry on 2-D shapes. They complete symmetrical pictures.
- **Day 4** – Children rehearse the language used to describe 2-D shapes. They are shown that pentagons, hexagons and octagons can be regular or irregular. Children spot the odd one out and draw regular and irregular polygons on the practice sheets. The problem-solving activity is a game where strategy and identifying triangles are both crucial.
- **Day 5** – Children are asked to describe and name 2-D shapes, including the numbers of right angles. They then sort 2-D shapes using Venn diagrams.

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 multiples of 10 and 100 to and from 3-digit numbers.

Day 2 – Add and subtract near multiples of 10 to and from 3-digit numbers.

Day 3 – Identify lines of symmetry.

Day 4 – Name and describe polygons, including pentagons, hexagons and octagons.

Day 5 – Name, describe and sort 2-D 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.*