

MATHS Learn at Home packs: Year 3, Week 14

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** – Children revise how to use partitioning to double numbers less than 50, then numbers between 50 and 100.
- **Day 2** – Children revise how to use partitioning to halve both odd and even numbers less than 100. There is an investigation to give opportunity to develop further fluency.
- **Day 3** – *Provide some teacher input, using the Presentation* on 3-D shape.* Children are shown shape vocabulary. They guess 3-D shapes from descriptions and describe them on the practice sheets.
- **Day 4** – Children sort 3-D shapes using Carroll diagrams.
- **Day 5** – Children investigate the numbers of faces, vertices and edges on pyramids with different base shapes.

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		✓		✓	✓	

**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.*

Summary of Learning

Day 1 – Revise doubling numbers to 100 using partitioning.

Day 2 – Revise halving numbers to 100 using partitioning.

Day 3 – Describe and name 3-D shapes.

Day 4 – Describe, name and sort 3-D shapes using a Carroll diagram.

Day 5 – Count faces, vertices and edges of pyramids.