

## MATHS Learn at Home packs: Year 4, Week 8

**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.

The 'timetable' for this week's teaching and learning is as follows

- **Day 1** – *Provide some teacher input, using the PowerPoint presentation\**, teaching the grid method to multiply 3-digit numbers by 1-digit numbers. If children access it, the teaching talks through the steps. Practise this method.
- **Day 2** – Children explore the *Learning Reminders* to rehearse how to round to approximate answers. Practice sheets and an investigation give opportunity for children to develop fluency in using the grid method.
- **Day 3** – Children learn about different types of angle (obtuse, acute and right angles) and triangles (equilateral, isosceles, right-angled and scalene). They classify angles in triangles. An investigation provokes mathematical thinking.
- **Day 4** – Children identify acute, obtuse and right angles in quadrilaterals. There is a challenging investigation to take this further. Alternatively, some children can have a go at using a protractor in the 'A bit stuck?' activity.
- **Day 5** – In the *Learning Reminders*, children are asked to compare and then sort quadrilaterals according to their properties. They apply this in the practice sheets.

**Day 1** – Use the grid method to multiply 3-digit numbers by 1-digit numbers.

**Day 2** – Use the grid method to multiply 3-digit numbers by 1-digit numbers; use rounding to approximate.

**Day 3** – Obtuse, acute and right angles in different types of triangles.

**Day 4** – Obtuse, acute and right angles in different quadrilaterals.

**Day 5** – Compare/ classify quadrilaterals, based on properties incl. types of angle.

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.*