

## MATHS Learn at Home packs: Year 4, Week 7

**These notes are intended for teachers** who are using these materials to continue to teach their class online via file sharing, 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\* using tables facts to generate the 30, 60, 90 and 900 times tables. If children access this, they hear the counts and see the digits move on the PV grid. They multiply multiples of 10, then 100. An investigation develops further fluency.
- **Day 2** – Children study the Learning Reminders to rehearse how to use tables and place value to derive multiplication 'trios' such as  $4 \times 8$ ,  $4 \times 80$  and  $4 \times 800$ ; then look at the related divisions. An investigation encourages them to examine the relationship between the numbers.
- **Day 3** – Children explore how to use multiplication facts and place value to calculate divisions such as  $350 \div 7$ ,  $420 \div 6$  and  $360 \div 4$ .
- **Day 4** – Children explore the Learning Reminders on completing a symmetrical pattern about one line of symmetry. The practice sheets give opportunity to explore this concept.
- **Day 5** – The Learning Reminders offer revision on completing a symmetrical shape about a line of symmetry. Children practise this and use a fun but challenging investigation to end the week.

**Day 1** – Multiply multiples of 10 and 100 by 1-digit numbers.

**Day 2** – Multiply multiples of 10 and 100 by 1-digit numbers; derive related divisions.

**Day 3** – Use times tables and place value to multiply and divide.

**Day 4** – Recognise and complete a symmetrical pattern about a line of symmetry.

**Day 5** – Identify and complete a symmetrical shape about a line of symmetry.

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.*