

## MATHS Learn at Home packs: Year 3, Week 4

- **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\* on multiplying and dividing by 10 and 100. If children can access this, they will hear the voice-over on the place value grid. They use a place value grid as their model when multiplying and dividing.
- **Day 2** – Children can work through the Learning Reminders to rehearse how a 'function machine' changes the *input* into an *output*. Drawing on the teaching from yesterday, they understand division as the inverse of multiplication.
- **Day 3** – *Provide some teacher input*, using the PowerPoint presentation\* on telling the time on both analogue and digital clocks. If children can access the PowerPoint, they hear key points explained. They practise recording analogue and digital times, first to five-minute intervals and then to one minute.
- **Day 4** – Children rehearse number bonds to 60 ( $25 + 35$ ,  $20 + 40$ , etc.), then focus on telling the time on both analogue and digital clocks to the next hour. They practise this skill, then extend it using a problem-solving investigation.
- **Day 5** – Children use their understanding of units of time (hours, minutes and seconds) to time events, then record the results in a bar chart. They also interpret bar charts of the same type.

**Day 1** – Multiply and divide by 10 and 100 using a place value grid.

**Day 2** – Use a function machine to multiply and reverse it to divide.

**Day 3** – Convert times between analogue and digital clock displays.

**Day 4** – Tell the time on analogue and digital clocks focussing on reading and writing times to the next hour.

**Day 5** – Think about units of time, time events and record the results on a bar chart.

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.*