

## MATHS Learn at Home packs: Year 5, Week 10

**These notes are intended for teachers** who are continuing to teach their class using any form of online 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\* on mental strategies for multiplication and division*, drawing on times table facts. There are then opportunities to practise this in exercises and an investigation.
- **Day 2** – Using the *reminders slides*, revise the use of the RUCSAC acronym to help tackle word problems. Then use the exercises to practise and an engaging investigation to explore further.
- **Day 3** – Using the *reminders slides*, further extend use of 'RUCSAC' to tackle 2-step problems. After the practice exercises, use the problem solving and reasoning questions to check understanding of this topic.
- **Day 4** – *Provide some teacher input, using the PowerPoint presentation\* to model how to use an empty number line to count up* to find elapsed times or durations in time problems. Practice exercises and an investigation follow.
- **Day 5** – Using the *reminders slides*, look at examples of *counting on* to find a 'time later' on an empty number line. After the practice exercises, use the problem solving and reasoning questions to check understanding of this topic.

**Day 1** – Multiply and divide numbers mentally drawing on known facts.

**Day 2** – Solve word problems needing mental multiplication or division.

**Day 3** – Solve single and multi-step problems, deciding which calculation(s) are necessary.

**Day 4** – Calculate time intervals using the 24-hour clock.

**Day 5** – Calculate time intervals using the 24-hour clock.

### 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.*