

## MATHS Learn at Home pack: 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\** showing how Frog can be used to count up to subtract decimal numbers. There are then opportunities to practise this in exercises and an investigation.
- **Day 2** – Using the *Learning Reminders* images, extend Day 1 learning to numbers with a mix of 1 and 2 place decimals, including word problems. Then use the exercises and investigation to practise this.
- **Day 3** – Using the *Learning Reminders*, revise finding change by counting up. 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 revise 24-hour clock times in the context of a train timetable. Practice exercises and an investigation follow.
- **Day 5** – Using the *Learning Reminders*, explore calculation of time intervals by counting up on an empty number line. After the practice exercises, use the problem solving and reasoning questions to check understanding of this topic.

**Day 1** – Revise using counting up (Frog) to subtract pairs of numbers with two decimal places.

**Day 2** – Revise using counting up (Frog) to subtract numbers with different numbers of decimal places (1 or 2). Solve subtraction word problems.

**Day 3** – Use counting up to find change and differences between prices.

**Day 4** – Read timetables using the 24-hour clock; calculate time intervals.

**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.*