

MATHS Learn at Home packs: Year 6, Week 7

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* to revise converting 12-hour times to 24-hour times, and calculating time intervals. If children access this, they learn how to do this step by step. They calculate the missing information in cinema listings in the practice sheets.
- **Day 2** – Children look at timetables written using the 24-hour clock and use timeline jottings to calculate how long train journeys take.
- **Day 3** – Learning Reminders show how a letter can be used to represent an unknown number in a number sentence. A bar model image helps children solve simple equations. When confident, there is a problem-solving activity.
- **Day 4** – Children work through the Learning Reminders to find tips on how to solve algebraic puzzles. They then use these to tackle the puzzles on the practice sheets.
- **Day 5** – Learning Reminders show children how there can be many pairs of answers for equations with two unknowns. Making a systematic list can help us to find them all. They practise doing exactly this.

Day 1 – Calculate time intervals using the 24-hour clock.

Day 2 – Read timetables and calculate journey times.

Day 3 – Solve equations using bar model images and the techniques modelled.

Day 4 – Solve algebraic puzzles involving multiplying or adding with unknowns.

Day 5 – Find pairs of numbers that satisfy an equation with two unknowns.

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.