

MATHS Learn at Home packs: Year 5, Week 9

These notes are intended for teachers who are using these materials to teach their class using any form of online file sharing/ group chats/ video calls etc.

The 'timetable' for this week's teaching and learning is as follows:

- **Day 1** – Give some teacher input, using the PowerPoint presentation* provided on how to use place value to add/ subtract to/from 6-digit numbers. There are opportunities to practise this and extend understanding with an investigation.
- **Day 2** – Using the *Learning Reminders* images, children check how to locate 6-digit numbers on a landmarked number-line. They try a practical activity and exercises to rehearse skills, with some problem-solving questions to check understanding.
- **Day 3** – Give some teacher input, using the PowerPoint presentation* provided on plotting co-ordinates in the first and second quadrant. There is then a practice sheet and an investigation to try this out.
- **Day 4** – Using the *Learning Reminders*, children consider how to *translate* shapes on a co-ordinate grid. Practice exercises and an investigation follow.
- **Day 5** – Referring to the *Learning Reminders* images, children consider how to *reflect* shapes on a co-ordinate grid. To check understanding of this topic, practice exercises and reasoning questions follow.

Day 1 – Add and subtract 1, 10, 100, 1000, 10,000 and 100,000 to/from 6-digit numbers using a secure understanding of place value.

Day 2 – Place 6-digit numbers on landmarked lines; compare and round numbers.

Day 3 – Plot co-ordinates and draw polygons in two quadrants.

Day 4 – Describe co-ordinates after a translation.

Day 5 – Reflect a shape and write its new co-ordinates.

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.