

MATHS Learn at Home packs: Year 4, Week 6

These notes are intended for teachers who are using these materials to continue 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** – Children count in 7s along the counting stick, then look at the pattern made by multiples of 7 on the 1-100 grid. They practise answering multiplication and division questions about the 7 times table. Encourage children to have a go at cracking the code in the problem-solving activity.
- **Day 2** – Children explore the Learning Reminders to rehearse how arrays can help us to see factors. They practise matching factors to multiples. Encourage children to explore factors in the investigation for extra practice.
- **Day 3** – *Provide some teacher input*, using the [PowerPoint presentation*](#) to remind children how to plot **co-ordinates**. They practise plotting points, joining them to form shapes, then move on to thinking about where a missing vertex might be.
- **Day 4** – The Learning Reminders show children how to *translate* shapes on the co-ordinate grid. They think about which co-ordinate changes when shapes are moved up or down, and which changes when moving shapes to the left or right. Children practise moving shapes and identifying new co-ordinates.
- **Day 5** – Children are reminded of the order of co-ordinates and asked to identify polygons made by joining points. They practise drawing polygons and imagining translations.

Day 1 – Explore the 7 times table.

Day 2 – Find factors of 2-digit numbers.

Day 3 – Plot co-ordinates and identify missing vertices of shapes.

Day 4 – Translate shapes on the co-ordinate grid.

Day 5 – Draw and translate polygons on the co-ordinate grid.

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.*