

## MATHS Learn at Home packs: Year 2, 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, alongside group chats/ video conferencing, etc.

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

- **Day 1** – *Provide some teacher input on multiplication* using the [PowerPoint presentation\\*](#) to show rotation of arrays, then hops along the beaded line, in order to demonstrate multiplication and to help children visualise commutativity. Children then write multiplications to go with arrays.
- **Day 2** – *Provide some teacher input*, using the [PowerPoint presentation on division\\*](#) to show the grouping model. Children learn that division can leave some left over. Encourage them to try the investigation on remainders.
- **Day 3** – Children identify multiplications and divisions to go with arrays and hops on beaded lines, using these to understand commutativity.
- **Day 4** – Children see that *big* things (e.g. a big bag of cotton wool) are not necessarily *heavy* things. They learn that we weigh using grams and kilograms and that there are 1000g in 1kg. They compare objects with a 100g weight (an apple) and 1kg (bag of sugar). Encourage them to have a go at the investigation in order to gain a sense of how heavy a kilogram is.
- **Day 5** – Children learn that we can read weights on dials of scales. They can practise doing this using an online game, and then using the practice sheets.

**Day 1** – Arrays as an image to show commutativity.

**Day 2** – Grouping model of division, including remainders.

**Day 3** – Multiplication and division, using arrays and beaded lines.

**Day 4** – Weight: comparing with the kilogram and 100g.

**Day 5** – Measure weight to the nearest 100g, reading scales.

### 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.*