

MATHS Learn at Home packs: Year 4, Week 4

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* on fraction sequences or counting in fraction steps. If children can access this, they will hear the voice-over teaching. They use a number line to 5 to count in steps of $\frac{1}{3}$, $\frac{1}{4}$ and $\frac{1}{10}$. They practise identifying fractions on a line.
- **Day 2** – Children can work through the Learning Reminders to rehearse how to find unit fractions of amounts by dividing, e.g. finding one fifth by dividing by 5. They then use this to rehearse finding non-unit fractions of amounts.
- **Day 3** – *Provide some teacher input*, using the PowerPoint presentation* on adding fractions with the same denominators. If children can access the PowerPoint, they hear the teaching. Using the visual image of either pizza or a number line, children practise these calculations.
- **Day 4** – Children revisit the concept of a polygon as a closed straight-sided shape. They identify regular and irregular polygons, and name different examples, counting their sides and looking at their properties.
- **Day 5** – Children learn about the different types of triangle: equilateral, isosceles, right-angled and scalene. They identify different examples and then discuss their properties.

Day 1 – Identify fractions on a number line and count in fractional steps.

Day 2 – Finding unit fractions of amounts; using this to find non-unit fractions of amounts.

Day 3 – Adding and subtracting fractions with the same denominators.

Day 4 – Identify polygons and name these. Identify properties of regular and irregular polygons.

Day 5 – Sorting triangles; identifying different types of triangle by name.

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.*