

MATHS Learn at Home packs: Year 6, 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 equivalent fractions. If children can access this, they hear the explanation of how to use a bar model to compare fractions with different denominators. This visualisation builds on previous use of the fraction wall.
- **Day 2** – Children explore the concept of ratio in a variety of very practical contexts, such as mixing paint and using recipes. *Providing some teacher input* talking through the Mastery Questions so that children can check their understanding would be productive.
- **Day 3** – *Provide some teacher input*, using the Presentation* on ratio. If children can access this in PowerPoint, they hear the voice over, which is very helpful. Ratio is a difficult concept and some explanation can be crucial.
- **Day 4** – Children revise the properties of circles and explore the relationship between the circumference and the radius.
- **Day 5** – *Provide some teacher input*, using the Presentation* on the properties of quadrilaterals. Children explore a variety of quadrilaterals, identify their properties and then rehearse their names.

Day 1 – Understand equivalent fractions and find fractions equivalent to those specified. Use equivalence to enable comparison of fractions.

Day 2 – Ratio: finding ratios and using this concept in calculations.

Day 3 – Ratio: embedding understanding and performing calculations.

Day 4 – Explore the relation between the radius and circumference of a circle.

Day 5 – Revise the properties of quadrilaterals and identify different types.

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.*