

MATHS Learn at Home packs: Year 5, 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*, using the PowerPoint presentation* on *mental multiplication strategies*. If children access this presentation, they hear teaching suggestions for multiplying by 5, 20, 6, 4 and 8. Practice exercises and a problem-solving activity follow.
- **Day 2** – Using the *Teaching Reminders* slides, review mental strategies for division. Children should then have a go at practising this then applying their knowledge in an investigation and use the problem solving and reasoning questions to check understanding.
- **Day 3** – *Provide some teacher input*, using the Presentation* on *Properties of 2-D shapes*. Without the shapes to hold, it is important to stress the need to visualise. The activities that follow enable children to sort and classify shapes.
- **Day 4** – Using the *Reminders* slides, review the language used to describe properties of 2-D shapes. Follow up activities explore these properties.
- **Day 5** – Focus on the similarities and differences of various quadrilaterals which are summarised on the *Reminders* slides. After trying the practice exercises children can use the problem solving and reasoning questions to check understanding.

Day 1 – Use mental strategies to multiply by 5, 20, 6, 4 and 8.

Day 2 – Use mental strategies to divide by 5, 20, 6, 4 and 8.

Day 3 – Describe properties of 2-D shapes including polygons.

Day 4 – Describe properties of polygons.

Day 5 – Properties of quadrilaterals.

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.