

## MATHS Learn at Home packs: Year 5, Week 12

**These notes are intended for teachers** who are using these materials to teach their class using online file sharing/ 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\* revising how to find multiples and factors.* These are used in the following practice exercise and investigation.
- **Day 2** – Using the *Learning Reminders* consider how to create a scale model, finding a fractional amount. Then use exercises and investigation to practise.
- **Day 3** – Using the *Learning Reminders*, explore the sequences of square and cube numbers. There is a practice exercise and an investigation to use these numbers; then check understanding of this topic.
- **Day 4** – *Provide some teacher input, using the PowerPoint presentation\* to revise Roman numerals to 100 and extend this to 1000.* After a practice exercise, try the investigation to explore an alternative counting system.
- **Day 5** – Using the *Learning Reminders*, look at how to write dates using Roman numerals. After the practice exercises, use the problem solving and reasoning questions to check understanding of this topic.

**Day 1** – Find common multiples and common factors.

**Day 2** – Solve problems requiring scaling by simple fractions.

**Day 3** – Recognise and use square numbers and cube numbers.

**Day 4** – Read/write Roman numerals to 1000.

**Day 5** – Recognise years written in Roman numerals.

### 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.*