

## MATHS Learn at Home packs: Year 3, Week 12

**These notes are intended for teachers** who are using these materials to continue to teach their class using online file sharing/ group chats/ video conferencing, etc.

*Your home-learning resources have helped our school immeasurably: they're so clear, and the fact that they are in daily chunks, with plenty of explanation for parents at home, has made them invaluable.'* Nick, a Suffolk primary teacher.

Our small team have been working round the clock to produce these materials and we're really happy that huge numbers of teachers, schools and parents have found them useful – and emailed us to say so!

If you're not a regular user of Hamilton, why not consider becoming a [Friend of the charity](#) to access the teaching materials in English, Maths and Topics for the whole year? Or take a moment to browse our [free resources for schools](#).

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

- **Day 1** – Children explore the Learning Reminders to rehearse counting in 4s then 8s, joining in with an online song. They complete sequences in practice sheets. Encourage them to tackle the investigation for further fluency.
- **Day 2** – Children are asked to identify the rules for ascending and descending sequences. They then continue the sequences.
- **Day 3** – In the Learning Reminders, children see an incomplete multiplication grid and learn how to use known facts to work out unknown facts. For each known multiplication fact, children can derive three other facts. They fill in multiplication grids in the practice sheets.
- **Day 4** – *Provide some teacher input, using the PowerPoint presentation\* on clockwise and anticlockwise quarter turns.* If children can access this, they will see the clock hands moving to show the turns. In the practice sheets, children work out where a spinner will be pointing after particular turns.
- **Day 5** – *Provide some teacher input, using the PowerPoint presentation\* to see a picture being rotated* through quarter turns, clockwise and anticlockwise. Encourage children to tackle the investigation to gain practical experience of making quarter turns.

### 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	✓	✓	✓	✓	✓	

## Summary of Learning

**Day 1** – Count in 4s and 8s.

**Day 2** – Describe the rule for a sequence and continue it.

**Day 3** – Revise times tables and division facts (1×, 2×, 3×, 4×, 5×, 8×, 10×).

**Day 4** – Understand angles as an amount of turn and right angles as quarter turns.

**Day 5** – Understand angles as an amount of turn and right angles as quarter turns.

*\*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.*