

MATHS Learn at Home packs: Year 5, Week 15

These notes are intended for teachers who are using these materials to continue to teach their class using any form of online file sharing.

'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 around 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** – *Provide some teacher input, using the PowerPoint presentation* revising column addition of whole numbers.* Use the practice exercises and investigation to apply these skills.
- **Day 2** – Use the *Learning Reminders* to review the addition of three, four and five numbers, including those with different numbers of digits. Then try the exercises and investigation to practice this.
- **Day 3** – Children review use of column addition to add decimals and measures, including money. Complete a practice exercise before using the problem solving and reasoning questions to check understanding of this topic.
- **Day 4** – Use *Learning Reminders* to introduce 'domino problems' - the first of two days on mathematical puzzle solving. Attempt the investigation, then some questions to check understanding.
- **Day 5** – Use the *Learning Reminders* to revise reflection and rotation of 2-D shapes. Apply skills with a selection of 'pentomino'-based puzzles/ investigations. Tackle questions to check understanding of reflection.

Day 1 – Revise column addition of whole numbers.

Day 2 – Add three, four and five numbers incl. those with different numbers of digits.

Day 3 – Use column addition to add decimals and measures including money.

Day 4 – Solving mathematical puzzles: domino problems.

Day 5 – Transformations: reflection and rotation; pentomino puzzles.

**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.*

Structure of learning

	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		✓		✓		✓