

MATHS Learn at Home packs: Year 4, Week 12

These notes are intended for teachers who are using these materials to teach their class using online file sharing, alongside 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** – *Provide some teacher input*, using the PowerPoint presentation* on using 'Frog' to find the difference between two prices. Children then practise this using the activity sheet and investigation.
- **Day 2** – Use *Learning Reminders* to revise both counting-up and column subtraction; then to consider when it is more appropriate to use 'Frog' to count up. Both methods are practised in the exercises and investigation.
- **Day 3** – Use *Learning Reminders* to revise finding change by counting up using 'Frog'. Use the practice sheet to try this and then the problem solving and reasoning questions to check understanding.
- **Day 4** – *Provide some teacher input*, using the PowerPoint presentation* on using negative numbers in the context of temperature. Children use the activity sheet and investigation to practice this.
- **Day 5** – In *Learning Reminders*, children explore how to order positive and negative numbers using a number line. They rehearse this on the practice sheets; then use the problem solving and reasoning questions to check understanding.

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 up to find a price difference.

Day 2 – Choose appropriate methods to subtract 4-digit numbers.

Day 3 – Using counting up (Frog) to find change.

Day 4 – Use negative numbers in context of temperature.

Day 5 – Place negative numbers on a line. Order positive and negative numbers.

**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.*