

## MATHS Learn at Home packs: Year 3, Week 10

**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** – *Provide some teacher input, using the PowerPoint presentation\* to show 'Frog' counting up to find the difference* between two numbers within the same century. Children practise drawing their own hops and jumps to subtract by counting up.
- **Day 2** – *Provide some teacher input, using the PowerPoint presentation\* on counting up to find change from £5, £10 and £20*. Children practise finding change from these amounts. An investigation provides further challenge.
- **Day 3** – Children explore the *Learning Reminders* to rehearse how to use counting up to find the difference between two amounts/ prices. They find the difference between ticket prices on the practice sheets.
- **Day 4** – Children revise finding unit fractions of amounts using division facts. They practise this skill, then extend it using a problem-solving investigation.
- **Day 5** – In the *Learning Reminders*, children are shown how to use bar models to represent numbers when finding non-unit fractions of amounts. They practise finding unit fractions and linked non-unit fractions of amounts.

### 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** – Find a difference between pairs of numbers within the same century ('Frog').

**Day 2** – Use counting up (Frog) to calculate change from £5, £10 and £20.

**Day 3** – Use counting up to find the difference between two amounts of money.

**Day 4** – Revising finding unit fractions of amounts.

**Day 5** – Find non-unit fractions of quantities using division and multiplication.

*\*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.*