MATHS Learn at Home packs: Year 2, Week 13

These notes are intended for teachers who are using these materials to teach their class using online file sharing, alongside group chats/ video calls, 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 rehearse doubling and halving, and seeing these as inverses. They are asked to identify which numbers have been doubled/halved; then are asked to double/halve numbers.
- **Day 2** – *Provide some teacher input*, using the PowerPoint presentation*, to show commutativity by rotating arrays and jumps on beaded lines. Children choose to draw arrays or jumps on beaded lines to find answers to multiplications on the practice sheets. There is an investigation which will help children to see that different multiplications can have the same answer.
- **Day 3** – Children revise how to solve multiplication word problems using arrays and beaded lines. The Hot practice sheet has 2-step word problems.
- **Day 4** – In the Learning Reminders, children revise how times past and to the hour are shown on analogue and digital clocks and how these times are said. In the practice sheets they match analogue, digital and written times.
- **Day 5** – Children revise what the time looks like on analogue and digital clocks, then find the time '15 minutes later' (not crossing the hour). There is an investigation about digital clocks to add further challenge for those proficient in telling the time.

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 – Understand doubling and halving as inverses; double/ halve 2-digit numbers.

Day 2 – Multiply using arrays and beaded lines; begin to understand commutativity.

Day 3 – Solve word problems using multiplication.

Day 4 – Tell the time using digital and analogue clocks to 5 minutes.

Day 5 – Tell the time using digital and analogue clocks to 5 minutes; find the time 15 minutes later.

**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.*