

MATHS Learn at Home packs: Year 1, Week 12

These notes are intended for teachers who are using these materials to continue to teach their class using any form of online file sharing. For this age, sharing your own video clip can be most helpful.

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 are introduced to division by grouping. If possible, [provide some teacher demonstration](#) of how we move objects into groups of the same size to divide by the number in each group, emphasising 'how many 5s are in 20?' for example. The \div sign is **not** introduced at this point.
- **Day 2** – Children are shown towers of 10 cubes and asked to count in 10s to find the total. They are asked to see how many towers of 10 cubes, then 5 cubes, can be made using given numbers of cubes, thus linking multiplication with division. They practise the skill, then attempt the investigation.
- **Day 3** – Children count in 2s to find the total in a purse containing only 2p coins; then count in 2s or 5s to find how many coins are in a purse, given the total amount of money. Encourage children to use real coins to help.
- **Day 4** – Children find a container, estimate and then measure its capacity using cups. They repeat for other containers, then compare their capacities. Encourage children to do this practically, as well as on the practice sheets. If children have outdoor space, they can attempt the challenges in the practical activity.
- **Day 5** – Children compare the capacities of containers with different proportions. They compare capacities of common containers.

Structure of materials

	Learning Reminders	Practice Sheet(s)	Problem solving task	A bit Stuck?	Check your understanding
Day 1	✓	✓		✓	✓
Day 2	✓	✓	✓	✓	
Day 3	✓	✓		✓	✓
Day 4	✓	✓	✓	✓	
Day 5	✓ (practical)	✓			✓

Day 1 – Practise finding the answers to problems involving division using grouping.

Day 2 – Linking multiplication and division and using ‘clever counting’ to solve division problems.

Day 3 – Practising division using 2p, 5p and 10p coins.

Day 4 – Estimate and measure capacity using cups.

Day 5 – Estimate and measure capacity using cups.