

MATHS Learn at Home packs: Year 2, Week 10

These notes are intended for teachers who are continuing to teach their class using any form of 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** – Children count in steps of one half and then in steps of one quarter. They fill in missing mixed numbers on fraction lines in the practice sheets.
- **Day 2** – *Provide some teacher input, using the PowerPoint presentation* to find a fraction of an amount.* If children can access this, they will see the bananas being moved and hear the teaching. Children then find $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$ and $\frac{3}{4}$ of amounts in the practice sheets.
- **Day 3** – In the Learning Reminders, children are shown how to adapt a recipe to make a fraction of the original amount. They adapt a similar recipe; then fold fraction strips to find $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$ and $\frac{3}{4}$ of amounts in the practice sheets. Encourage children to have a go at the problem-solving task to challenge them to think which numbers can be split into equal groups of 2, 3 and 4.
- **Day 4** – *Provide some teacher input, using the PowerPoint presentation* to sort 3-D shapes.* Children name and describe shapes. If they have straws and plasticine, encourage some hands-on experience with the practical activity.
- **Day 5** – In the Learning Reminders, children identify faces, vertices and edges on 3-D shapes. If possible, post [your own short video](#), turning shapes, helping children relate 3-D shapes to their 2-D representations on the practice sheets.

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	✓	✓	✓	Practical Activity	✓	
Day 5		✓	✓		✓	✓

Summary of Learning

Day 1 – Count in steps of one half and one quarter.

Day 2 – Find $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$ and $\frac{3}{4}$ of amounts.

Day 3 – Find $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$ and $\frac{3}{4}$ of amounts.

Day 4 – Name and describe 3-D shapes.

Day 5 – Count faces, vertices and edges.

**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.*