

## MATHS Learn at Home packs: Year 2, Week 17

**In this last of the Learn at Home packs, we hope to have provided a 'fun' week! Read down to see what children will be doing in these playful mathematical activities.**

*'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 – Investigation** Children explore which diagrams they can trace over without lifting their pencil or going over a line twice.
- **Day 2 – Make something** Children make a Mobius ring, then follow instructions to give some unexpected results!
- **Day 3 – Puzzle** The 'four-colour theorem' is gradually introduced, first asking children to find the smallest number of colours needed to colour simple patterns.
- **Day 4 – Game** Children play the game 'Dots and Boxes', first with a 3 dot by 3 dot grid and then a 4 dot by 4 dot grid.  
Can they learn some strategies as they do so?
- **Day 5 – Investigation** Children investigate possible totals by moving through 'rooms' in a diagram, adding the numbers in them as they go.