

MATHS Learn at Home packs: Year 2, Week 16

In these last two weeks, we are providing two 'fun' weeks. Read down to see what children will be doing in 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 – Mathematical investigation** Children investigate products within groups of numbers in the Fibonacci sequence, and then add consecutive squares of numbers in the same sequence.
- **Day 2 – Practical Activity** Children design their own snakes and ladders boards, where the numbers at either end of the snakes and the ladders have a set difference. Then they can play their own game!
- **Day 3 – Puzzle** Children explore the 'Towers of Hanoi' problem, with 2, 3 then 4 discs. They develop strategies for achieving the fewest numbers of moves.
- **Day 4 – Game** Children play 'Pelmanism' with a choice of number bonds to 100 (multiples of 10, multiples of 5, any 2-digit numbers) and then invent their own game.
- **Day 5 – Mathematical investigation** Pascal's triangle is introduced. Children apply addition skills to complete a triangle and then hunt for patterns...