Puzzle of the Week

Week 1: Coin Combinations
How many ways can you make £1 using UK coins? Try to find at least 5 different combinations.

Week 2: Mystery Number
I am a number less than 100. I am a multiple of 3 and 4. The sum of my digits is 9. What number am I?

Week 3: Farmyard Problem
A farmer has chickens and cows. There are 20 heads and 56 legs. How many chickens and how many cows are there?

Week 4: Magic Square
Can you fill in a 3x3 grid with the numbers 1 to 9 so that every row, column, and diagonal adds up to 15?

Week 5: Number Riddle
Create your own number riddle (e.g., "I am a two-digit number. I am divisible by 5. My digits add up to 11. What number am I?"). Ask a friend or family member to solve it!

Week 6: Pattern Spotting
What comes next in this sequence? 2, 6, 12, 20, 30, ___ ? Explain the pattern.

Maths Summer Challenges

Real Life Maths
Cooking Challenge: Help cook or bake something at home. Convert the recipe to double or half the amount.

Shopping Maths: Find 5 items in a supermarket. Work out the total cost and how much change you'd get from £20.

Travel Time: Plan a day trip. Work out how long it takes to get there and back, and how much it would cost for your family.

Brain Teasers
Try Sudoku, Kakuro, or logic puzzles (you can find printable ones online or in puzzle books).
Play maths games like 24 Game, Countdown, or online games like NRICH or Maths Playground.

Creative Maths
Maths Art: Create a symmetrical pattern or tessellation.

Number Poster: Choose your favourite number and make a poster showing all the interesting facts about it (factors, multiples, square/cube, etc.).

Maths in Nature: Take photos or draw examples of maths in nature (spirals, symmetry, patterns).