Numbers in nature

Number bucket

Resources: number discs (0-9) in a bucket, whiteboards and pens (or chalk)

In threes (or fours) children stand in a circle. Put a bucket of number discs in the middle of the circle.

Each child takes it in turn to collect a number disc. Give them tasks to complete in their groups.

1. Which group can make the largest number? Or smallest number?

2. Collect another number – can they multiply/divide it with their number?

3. Which group can make the largest odd number/even number?

4. Which group has a multiple of 2, 3, 4, 5, 6, 7, 8, 9, 10 or 25?

5. Round their largest number to the nearest 10, 100 and 1000.

6. Join with another group to add or subtract the largest number made together. Give them a whiteboard and pen to complete the sum.

Loom band coding

Resources: loom bands, sticks

Individually or in pairs, children can make their own number code on a stick (0 – 9), with each colour corresponding to a different number.

Using a different stick, they can make codes for each other to work out which number comes next, e.g. multiples of a number, even or odd numbers, prime numbers, adding your number to the one before to get the next number, etc. This could be passed around to a few children, adding to the sequence each time.