

# Numbers in nature

## Number hunt

**Resources:** number discs up to 20, whiteboard and pen

Scatter the number discs around the playground and give them challenges to complete. These can be done individually or in small groups.

- Find a number which is bigger than..., smaller than.... one less than..., one more than.... or equal to....
- Find an odd or an even number
- Find the answer to a simple addition or minus sum
- Find which number is missing? e.g. 5,  $\square$ , 20, to practice counting in twos, threes, fives and tens.
- Find the answer to simple fractions, e.g.  $\frac{1}{2}$  of 6 =



## Number bucket

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

In pairs (or threes) 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. Set them a challenge to collect it in a stated number of seconds or a stated number of steps - the other children can count to make sure that the challenge is completed.

Give them tasks to complete in pairs or in threes. These tasks will be more difficult when joined in threes as they will be using three digit numbers instead of two.

1. Who has the biggest number/who has the smallest number? Find somebody who has a number that is equal to your number.
2. Get into a number line from smallest to largest. The children will need to link arms with their partner.
3. Sort into odd numbers and even numbers.
4. Who has a multiple of 2? 5? 10?
5. Join with another pair to add or subtract numbers together. Give them a whiteboard and pen or chalk to complete the sum.

