

- The Fibonacci sequence is made by adding together the two previous numbers.

The first two numbers are 0 and 1.

$0 + 1 = 1$ so the next number is 1. The first three numbers are 0, 1, 1

$1 + 1 = 2$ so the next number is 2. The first four numbers are 0, 1, 1, 2

- a What are the next five numbers of the Fibonacci sequence?



The number of petals
on most flowers is a
Fibonacci number.



- b Which of these flowers has a number of petals that is a Fibonacci number?
- What do **you** think of when you hear the word **pattern**?
Is what you thought of as a pattern, always repetitive and/or predictable?