

You may have seen this sequence before:

$$1, 1, 2, 3, 5, 8, 13, 21, \dots$$

It is called the **Fibonacci Sequence**, and each term is calculated by adding together the previous two terms in the sequence.

Try adding together any three consecutive Fibonacci numbers.

**What do you notice?**  
**Can you explain it?**

Choose any four consecutive Fibonacci numbers. Add the first and last, and divide by two.

**What do you notice?**  
**Can you explain it?**

Add together any six consecutive Fibonacci numbers and divide by four.

**What do you notice?**  
**Can you explain it?**

Can you discover any Fibonacci Surprises of your own?