



Magic with the Fibonacci Sequence.

1. Have a group of students to build a Fibonacci-like sequence with ten numbers, starting with any two numbers.
2. Once they write down the series ask them show it to you.
3. Announce that you already know the sum of all the numbers.
4. Secretly write the sum on a piece of paper and give it to one of the students for safe keeping.
5. Ask the students to calculate the sum. They may use a calculator.
6. Ask the student to read the number on the paper. It should be the same as the sum they got.

What's the big secret?

The sum of ten terms in a Fibonacci-like series is always 11 times the seventh term. (So take a good look at the seventh term).