

FIBONACCI JUNIOR DA VINCI CHALLENGE



Following on from our recent Fibonacci themed Number Day, we are offering the opportunity to complete a Fibonacci Junior da Vinci challenge this half-term. This is the perfect opportunity to earn yourself a coveted **creative maths da Vinci** or even a **full Junior da Vinci** for outstanding and creative work. Inspired by Fibonacci and his amazing sequence of numbers, you could choose from one of the below suggested activities or come up with your own.

- Create some Fibonacci inspired art.
- Write a Fibonacci poem – thinking about the word/syllable count of each line.
- Create a fact-file about this remarkable mathematician.
- Take photos on a nature walk and find examples of Fibonacci numbers and spirals.
- Research examples of the Golden Ratio and create a presentation of places it can be found in nature and in design.
- Create a model that represents the Fibonacci sequence.
- See how far you can calculate Fibonacci numbers, by summing consecutive numbers.

Please clearly label your work with your name and year group and give it to your class teacher by **Friday 3rd March**.



$$0, 1, 1, 2, 3, 5, 8, 13, \dots$$

(optional) $0+1$ $1+1$ $1+2$ $2+3$ $3+5$ $5+8$

