As you will be beginning your adventure in Year 5 after the summer holidays, our Big question for the year will be, ‘Can one person change the world?’ Over the course of the year, we have many exciting learning opportunities planned. Our first focus question to help us answer our big question is, ‘Did Leonardo Da Vinci change the world? 15 April 1452 – 2 May 1519’

Here is a choice of holiday projects, so that you can pick the homework that best suits your way of learning. Please make sure you have your homework ready to return to school on Monday 7th September.

I very much look forward to working with you and having a great year with you!

Mr Fulstow

**Did Leonardo Da Vinci change the world?**

**15 April 1452 – 2 May 1519**

Leonardo da Vinci was a remarkable Renaissance man. He was a terrific role model for applying the scientific method creatively in every aspect of life, including art and music. Although he is best known for his dramatic and expressive artwork, Leonardo also conducted dozens of carefully thought out experiments and created futuristic inventions that were groundbreaking for the time.

<table>
<thead>
<tr>
<th><strong>Fresco painting</strong></th>
<th><strong>Da Vinci’s Arch Bridge</strong></th>
<th><strong>Paper Glider</strong></th>
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<tr>
<td>Da Vinci’s famous painting, The Last Supper, was done on fresco, which translates into ‘fresh plaster’. Try out your own fresco painting by making your own plaster!</td>
<td>One of Leonardo da Vinci’s sketches show a self supporting arched bridge, which didn’t require anything else to hold it up. Make your own bridge with things like popsicle sticks, rulers, pencils – experiment! Once complete, test it’s strength with different objects – each one heavier than the last!</td>
<td>Leonardo Da Vinci was quite the inventor and made designs for several machines that were actually made centuries later. Try one of your own by making a Da Vinci inspired glider model.</td>
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Try some Leonardo-inspired activities: mirror writing, drawings with perfect linear perspective, inventing gadgets and more

**Leonardo and the Vitruvian Man**

The ‘Vitruvian Man’ was inspired by someone else’s idea: the Roman author, architect and engineer Vitruvius (1st century BC). Vitruvius tried, through an ideal body, to show a link between perfect proportion in architecture and the human body. Of course, Leonardo had to test these ideas!

Now it is your turn.

- Is an adult as tall as their outstretched arms?
- Is a foot 1/6 of a human’s height?

**Free choice**

Complete your own homework project idea as long as it focuses on Leonardo Da Vinci.

Try some Leonardo-inspired activities:

- Head to toe: Bodies in proportion
- Exploring plants
- Inside out: What’s inside my hand?
- Drawing expressions
- Investigating inventions
- Artist’s apprentice