

Spirit of Innovation

STEAM Resources



Art

Year Five

Leonardo da Vinci

Flying Machines

Links

- To create sketch books to record their observations and use them to review and revisit ideas
- To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials (for example, pencil, charcoal, paint, clay)
- About great artists, architects and designers in history

Resources

- PowerPoint Introduction to Leonardo da Vinci ([Download](#))
- Optional Inspiration images ([Download](#))
- Thick paper/sketch books
- Ballpoint Pens
- Pencils
- Paint
- Paintbrushes
- Tea
- Coffee
- Water
- Matches (ADULT ONLY)

Skills

- Recording observations
- Drawing in the style of another artist
- Replicating another artist style
- Using an artist's work to inspire own designs

Questions

- What medium are you going to use to create your design?
- What images that you are going to include? Why?
- Will you use one of the inspirational cards, to help with your drawing?
- Are you going to copy a design?
- Are you going to make up your own flying machine in the style of da Vinci?
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Activity

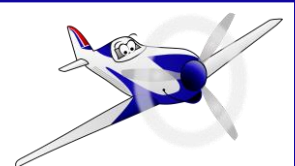
Activity One

Individual

(40mins-60mins x 2)



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Brief History of the artist: Leonardo da Vinci - 1452 to 1519. Italian High Renaissance artist. (PowerPoint [Download](#))

Having looked at the Leonardo da Vinci PowerPoint, provide the pupils with paper and pencils so that they can have a go at drawing their own flying machines, or copying one of his from an optional Inspiration Card ([Download](#))

Encourage the pupils to carefully observe cogs, pulleys, joints, string, his use of 3d sketching for the wooden structures. Some may even want to label their flying machines using cursive mirror writing!

Once sketches are completed, use a tea/coffee wash to add age to their work. Adults only could singe the edges to age it further.

*Parachute images links with science – Forces Air Resistance.

[Click here](#) for Lego clip



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