

# Year 1: What do inventors do and what impact have they had on our lives?



## Key Questions

- What do inventors do and what is the importance of inventions?
- Who is Leonardo Da Vinci and what is he famous for?
- How would Leonardo's design for a tank survive in today's world?
- How can compare and contrast Leonardo's designs to modern day air transport?
- How can I compare transport from the past and present?
- Who were the Wright Brothers?
- How can I design a prototype of your own plane?

## Vocabulary

Aviation flight mechanism invent design  
Plan test experiment engine  
Plane parachute inventor

## Historical Dates

Leonardo Da Vinci life: 1452-1519

The Wright brothers: 1867-1948

## National Curriculum

### History

- ✓ Learn about the lives of significant individuals in the past who have contributed to national and international achievements

## Curriculum Links

### English

Ask and answer questions to extend their understanding and knowledge.

Maintain attention and participate actively.

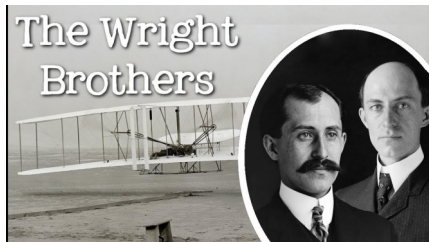
Write about real events.

Justify ideas with reasons, beginning to give well structured descriptions and explanations.

### Art and Design

Use drawing and sketching to design my own plane.

Discuss art work of Leonardo Da Vinci.





# Year 1: Famous Inventors



## Home learning

### Suggested Websites and Links

<https://www.twinkl.co.uk/resource/t2-d-040-famous-inventors-and-inventions-lesson-teaching-pack>

<https://www.twinkl.co.uk/resource/es-t-2547301-leonardo-da-vinci-audio-powerpoint>

<https://www.bbc.co.uk/teach/class-clips-video/discovering-the-work-of-leonardo-da-vinci/zhn47nb>

[https://www.youtube.com/watch?v=YO\\_htkvCVpE](https://www.youtube.com/watch?v=YO_htkvCVpE)

<https://www.tes.com/teaching-resource/transport-old-and-new-powerpoint-3005857>

<https://www.youtube.com/watch?v=w1zDmlIGDWk>

<https://www.twinkl.co.uk/resource/wright-brothers-powerpoint-us-e-496>

### Further Topics

- Create your own invention.
- Design, make and present your invention.

### Suggested Activities

- ✓ Create a fact file on an important/famous inventor.
- ✓ Order inventors in the order of importance and give reasons for this.
- ✓ Look at a range of Leonardo Da Vinci's art, sculptures and inventions, discuss what type of person he was. Explain what impact he has had on the world.
- ✓ Watch Dick and Dom's clip of testing Leonardo's tank. Evaluate what happens and how this would survive in today's world.
- ✓ Watch the clip of Leonardo's designs, compare and contrast his designs with modern day air transport. What is the same what is different?
- ✓ Look at pictures of old and new types of transport, label them looking for similarities and differences.
- ✓ Create a fact file on who the Wright Brothers were.
- ✓ Draw your own plane. Write a description to explain what it will be used for and what you will need to build it.
- ✓ Write a diary entry to describe how you would have felt if you were one of the Wright Brothers and someone tried to take credit for your designs.

