

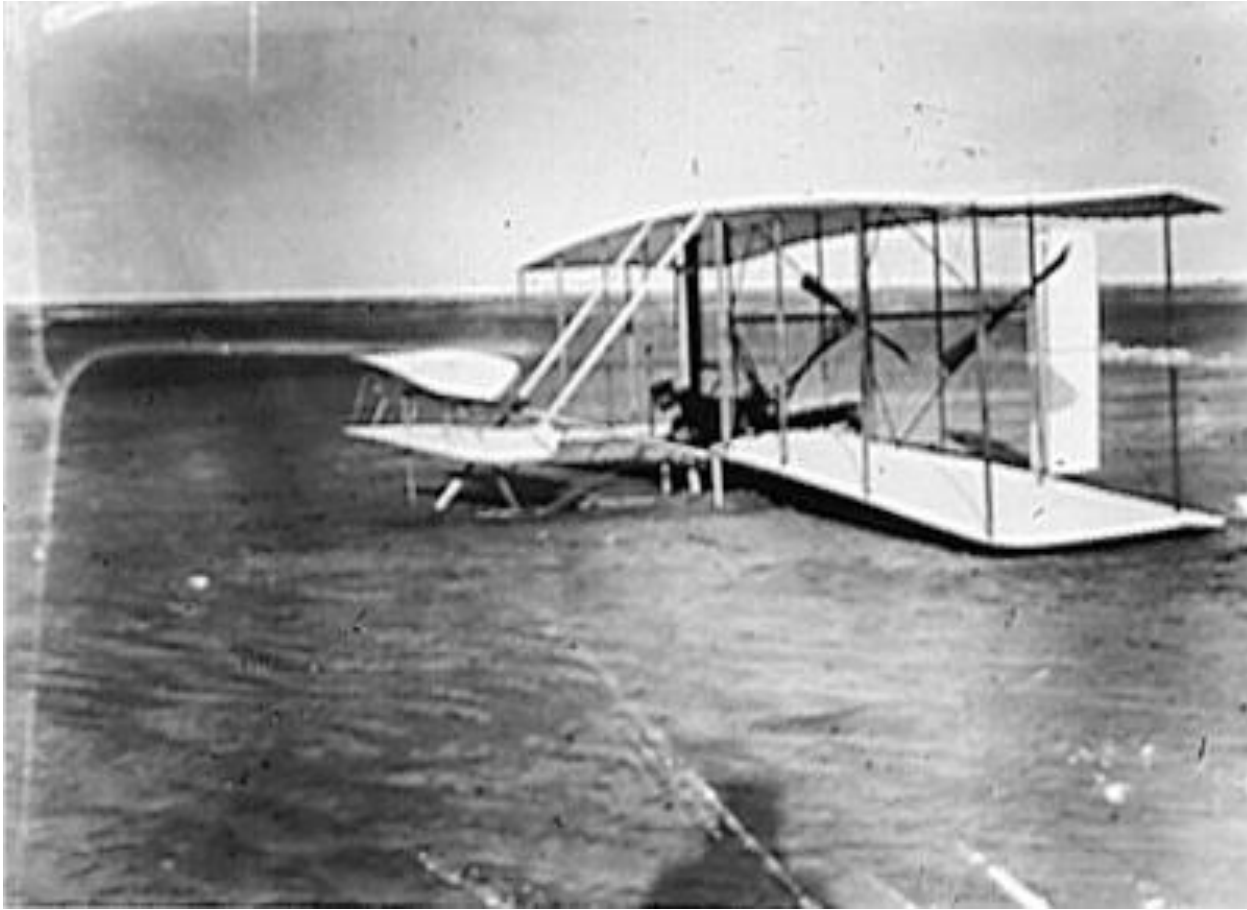


History

Tuesday, 7th July 2020



Can you guess what this is?





To find out about events in the past (flight)

- It is the first ever plane. We will look at it again in a minute.



People had thought about flying for many years.

Leonardo de Vinci – a famous artist – designed this in the 1400s.

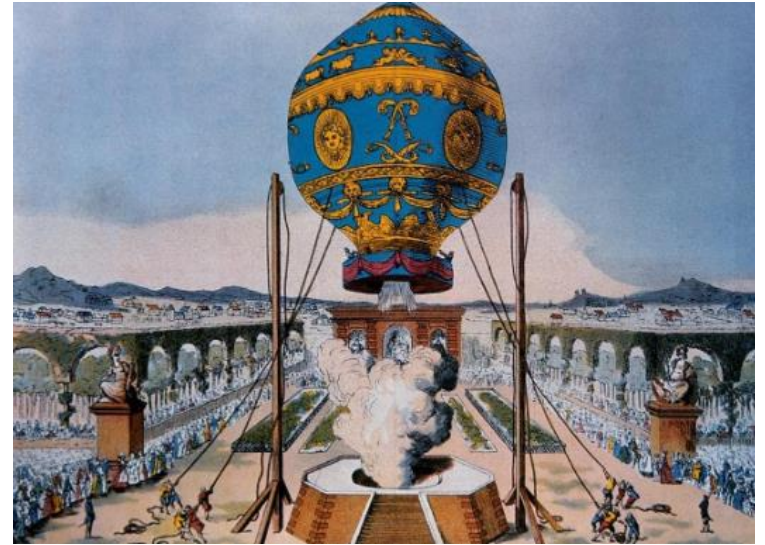
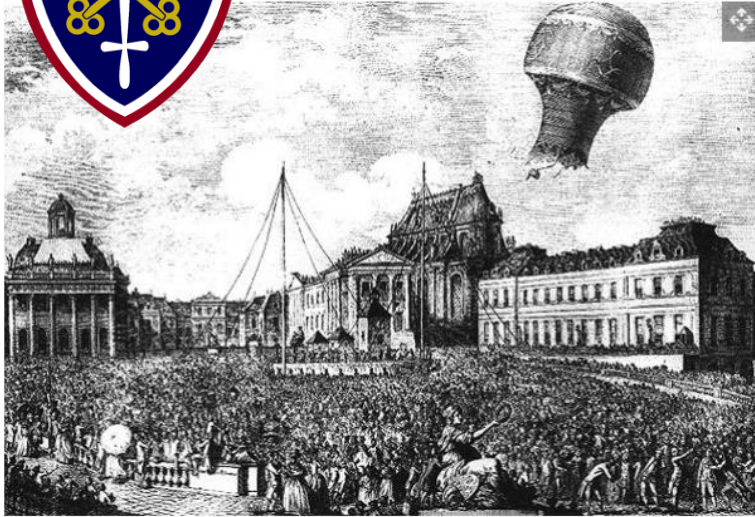
It didn't fly but shows that even 600 years ago people wanted to fly.



Then in the late 1700s the Montgolfier Brothers invented the hot air balloon.



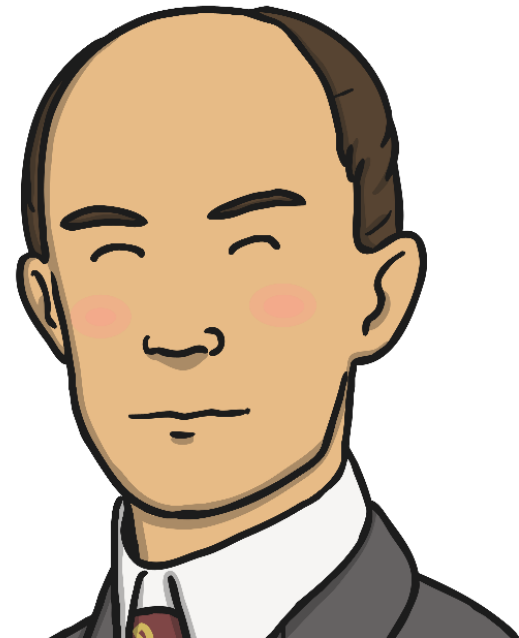
1783



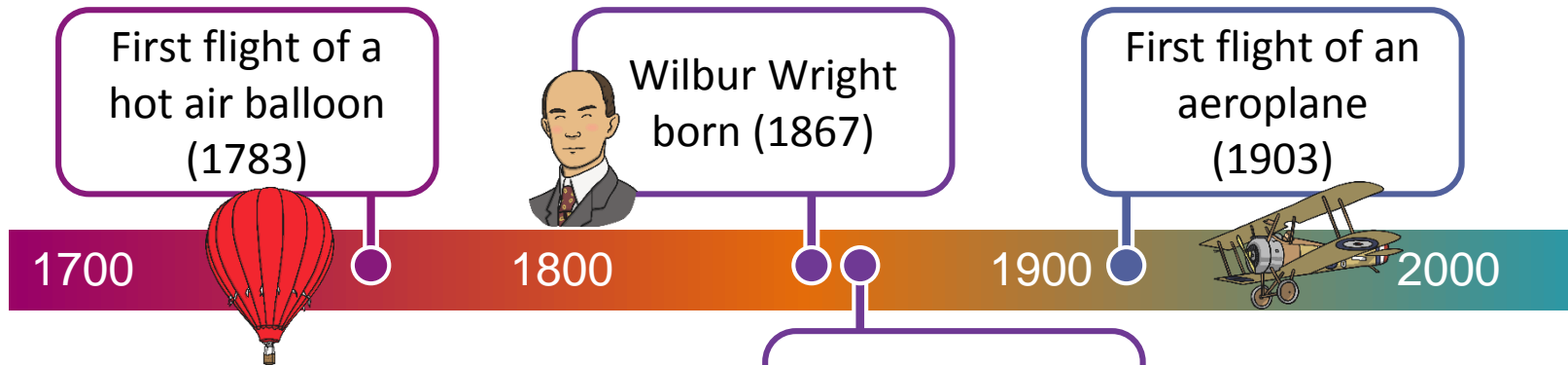
- The first balloon flight with passengers (a sheep, a duck and a rooster) took off in 1783. The two Montgolfier brothers demonstrated their invention, the hot air balloon, before a large crowd in France.
- The brothers were paper manufacturers and experimented after observing that heated air directed into a paper or fabric bag made the bag rise. After several successful tests, the brothers decided to publicly demonstrate their invention. Their balloon was made of silk and lined with paper. The balloon rose to about 1500m and stayed up for 10 minutes, traveling more than a mile.

The Wright Brothers

- Orville and Wilbur Wright invented the aeroplane. Today people can take trips that previously would have taken months by train or boat, now only taking a few hours by plane.



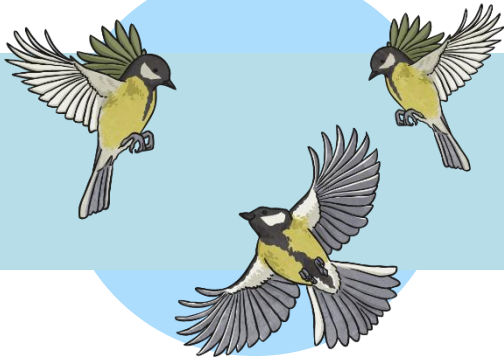
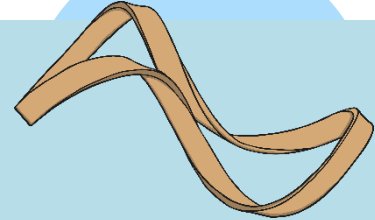
The Wright Brothers



- The brothers grew up in America. As children they enjoyed coming up with new inventions.

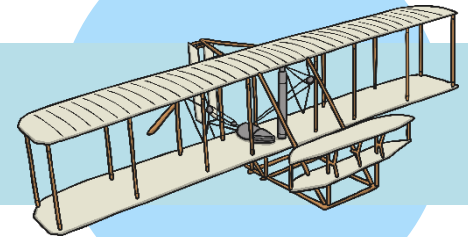
The Wright Brothers

- Their interest in flight began when their father bought them a toy which flew with the help of rubber bands.



As they grew older, they learned how to make propellers and studied how birds flew to aid their wing designs.

They also learned how to make lightweight engines.



The Wright Brothers

- Orville made the first flight in North Carolina, December 1903.

He flew 120 feet, lasting 12 seconds.

As the day went on, both brothers had flights which lasted for increasingly longer periods of time.

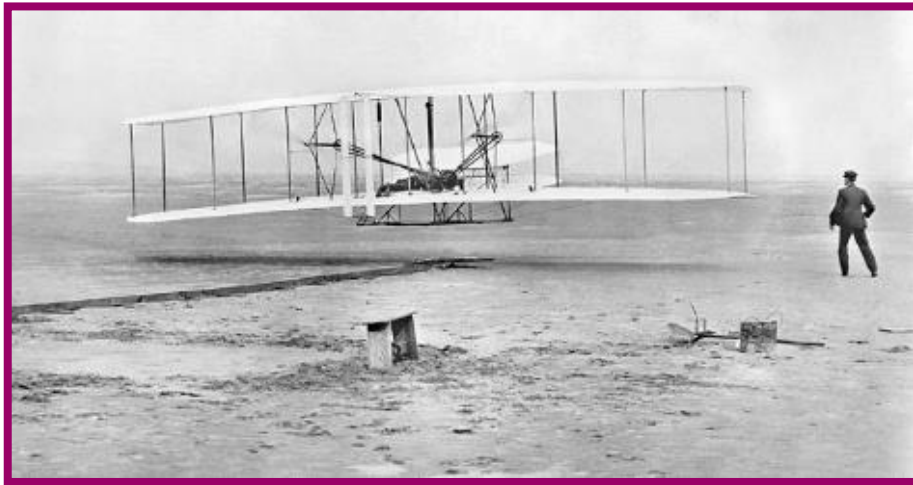


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How is the plane different to a modern plane?



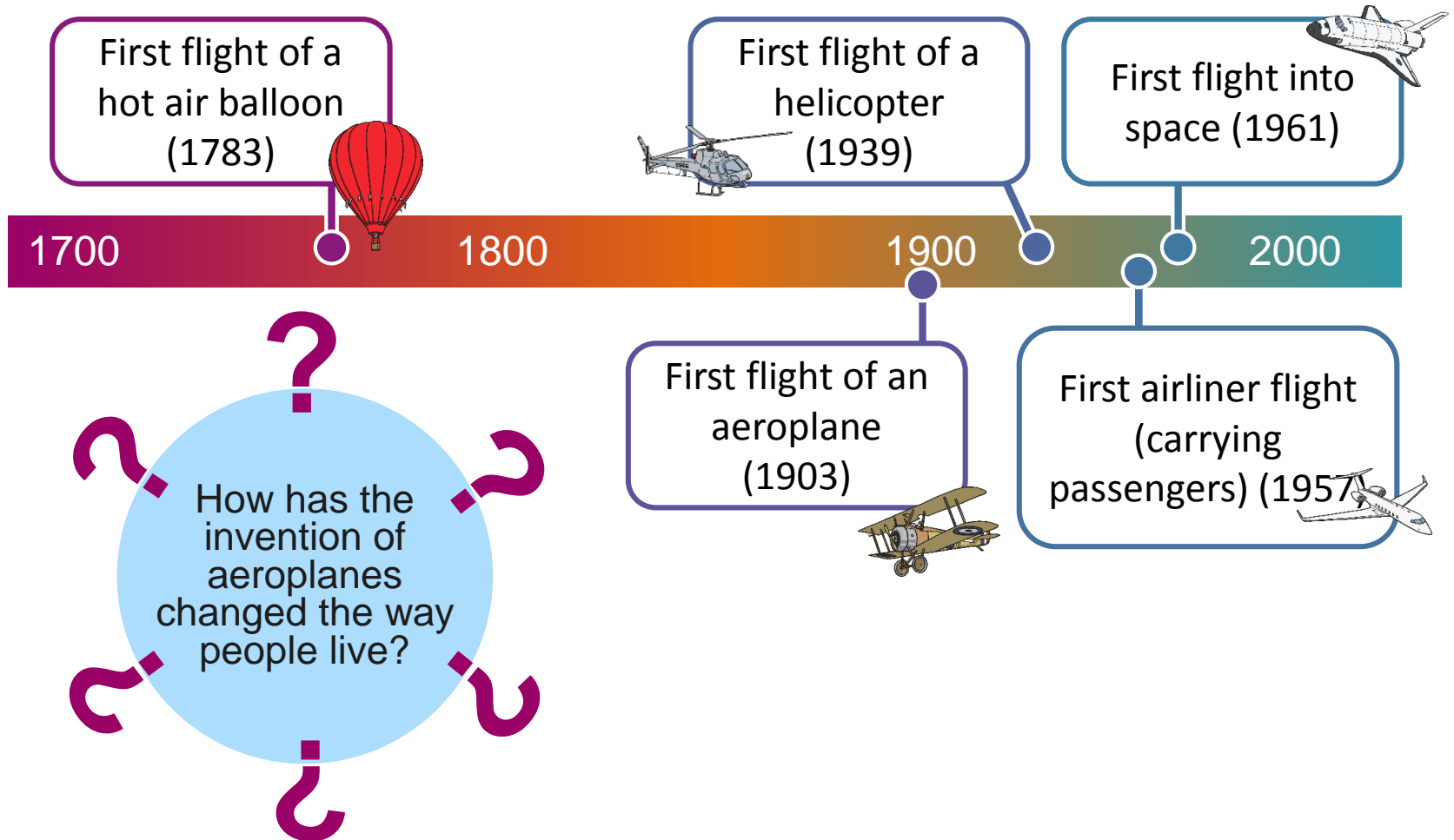
The Wright Brothers

- In November 1904, using a newly designed craft named Flyer II, Wilbur took to the skies.
- This flight lasted for over 5 minutes.



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History of Flight Timeline



Plenary

If time watch the cartoon of their story.



<https://www.youtube.com/watch?v=fZyZxDWjkZ0>

