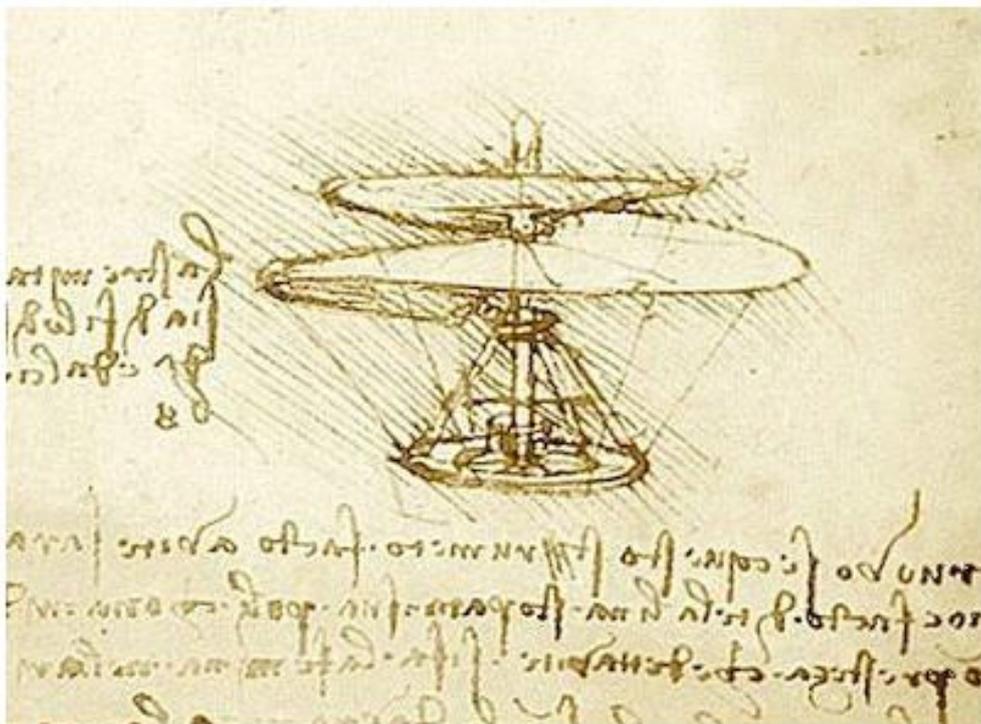


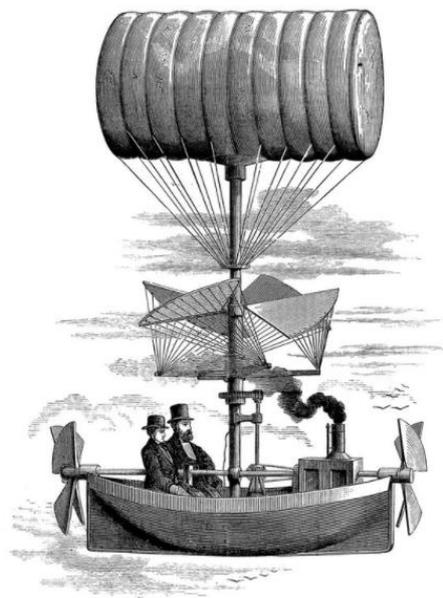
Arts' Week DT Challenge

Since the protagonist of 'Tar Beach', Cassie is 'flying', this is our link to Leonardo Da Vinci's 'wings' that he invented nearly 500 years ago. So your challenge is to create an invention that can 'fly' you over Hammersmith Bridge!

Here are a few sketches from the great inventor himself, Leonardo Da Vinci. Check out his ideas below and then let your imagination fly!



Look at other ideas too...



Your Challenge:

To design and build your own invention like Leonardo.

1. Sketch out your ideas first do five or six really different ones.
2. Then, think about what materials you have in the house. You might want to have a look in the recycling box!
3. Try to build one of your ideas
4. Test it (with an Action Man or doll) – Good luck.

Remember, a great inventor fails lots of times before they succeed – LEARN from your failure – **F**irst **A**tttempt **I**n **L**earning. You will learn a lot more from a failed attempt than a successful one!

The finished invention needs to be **functional** - that means, it needs to work!

Good luck and happy inventing!