

## Inspired by Nature

### Student Activity Sheet Inspired by Nature

Your task: Choose 1 exhibit that is based on Leonardo's experiments in flight.

It could be:

- Study of a Wing in one Piece
- Parachute
- Hang Glider
- Glider
- Flying Machine
- Flapping Wing Experiment

Make a sketch of 2 of these and label all the different parts, each will be made from a different material.

Eg. words: *stretched skin or membrane, rigid structure, hinge, arms*

What materials are these parts made from?

Have a look at Leonardo da Vinci's sketchbooks.

Where do you think the idea came from for the works that you are sketching?

Make a rough sketch of any ideas you can find from his sketch books. Date these.

When you are looking at the models of Leonardo's inventions, do they give any clues as to how they have been inspired from nature?



THE  
LEONARDO  
DA VINCI  
MACHINES  
AN EXHIBITION OF GENIUS

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Make a sketch of these and make a note of how they remind you of natural things.

Can you think of examples of designs today which have been inspired by nature?



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Book No. 01 / 1000000000 / 10.000  
From the Museum of Leonardo da Vinci in Italy  
Information and more inspiration for the artist  
Museum of Leonardo da Vinci, Via della Spina  
10, 50139 Florence, Italy  
www.museoleonardo.com

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