



# Magnificent Materials for Flying Machines

## Activity Ideas

### Before your visit

You may want to prepare your pupils by using some of these activity/discussion ideas.

- What is a museum? Has anyone been to one before?
- Why are we visiting the RAF Museum?
- What are we going to see at the Museum? How can we find out? <https://www.rafmuseum.org.uk/london/>

Key vocabulary which could be useful for your visit:

First World War (1914–1918)

Royal Air Force (RAF)

Aeroplane

Aircraft

Propeller

Cockpit

Materials: wood, metal, plastic, glass, fabric, rubber, paper, cardboard

## **During your visit**

- Explore the Museum – look at the materials used for old and new aeroplanes
- In Hangar 1, design your own aeroplane in our First to the Future exhibition
- Enjoy your workshop and check your timetable for your session time

## **After your visit**

- Make models of First World War aeroplanes – try to use the correct materials where possible
- Find out what modern aeroplanes are made out of – are any materials the same as 100 years ago?
- Go on a materials hunt around your school – can you find all of the materials needed to make a First World War aeroplane?