



Magnificent Materials for Flying Machines

Before your visit to the RAF Museum

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

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 time table for your session time

After your visit

- Make a collage of First World War aeroplanes. Use the same materials as the real aircraft: wood (lolly sticks), metal (foil), rubber (elastic bands), fabric (old clothes)
- In groups, chooses an object at schools made from different materials e.g. why is your chair made from metal and plastic? Tell the rest of the class