



Science Show Activity Ideas

Before your visit

Before you bring your class 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:

- Forces – thrust, lift, drag, weight
- Heat and temperature
- Oxygen
- Air pressure
- Ejector seat

During your visit

- Explore the Museum
- Find examples of aeroplanes and how they have changed through time
- Look out for ways that pilots can stay alive while flying at high altitude and in emergencies
- Enjoy your Science Show – see your booking confirmation for session times

After your visit

- Make posters showing examples of the different forces which act on aircraft
- Create a timeline of some of the aircraft seen at the Museum – children could paint or draw the planes or make 3D models
- Try generating lift by blowing across the top of a sheet of paper
- Make parachutes and drop them to see which takes the longest to land.