



Visit ideas for Rockets workshop

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:

- Rockets
- Forces
- Gravity
- Thrust
- Friction
- Air resistance (drag)
- Aerodynamics
- Streamlining

During your visit

- Explore the Museum and look at different wing shapes on aircraft – how do they help aeroplanes to fly?
- In Hangar 1, explore the interactives in our 'First to the Future' exhibition
- Enjoy your 'Rockets' workshop – see your booking confirmation for session times

After your visit

- Create a timeline showing the development of rockets or space travel (don't forget Tim Peake!)
- Design a rocket which is capable of going in to space – think about the forces which will be acting on it
- Explore air resistance further by creating a simple parachute for a small toy – look at size, shape and materials for the best parachute