



Levers, Pulleys and Simple Machines – 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:

- Load
- Effort
- Lever
- Fulcrum
- Pulley
- Machine

During your visit

- Explore the Museum
- Find examples of levers, pulleys, wheel & axles, ramps, wedges, cogs, cams
- Look for loads that would go into aeroplanes and vehicles/equipment used for lifting and moving
- Enjoy your Levers and Pulleys Workshop – see your booking confirmation for session times

After your visit

- Search for examples of simple machines at home and school
- Invent a contraption that uses simple machines for lifting or moving objects and draw a diagram / make a poster of it.
- Visit a playground and work out what equipment uses simple machines to work.