

Thank you for booking a *Fun with Forces* visit. This visit is designed to introduce pupils to the world of forces by looking at the Brooklands Museum collection.

You should allow a **minimum of 4 hours** for this visit.

Visit content

On this **guided tour** visit your pupils will learn about friction, air resistance, lift, gravity and thrust by examining **how they work in real life** as you explore the collection. You will look at each of these forces in brief before the afternoon **Forces Show**, which will present the forces in more detail in a **fun and interactive way**.





Suggested activities

This visit can be used as an introduction to or reinforcement of the topic and we recommend using your visit to inspire work at school, before or after your visit. Here are some suggestions:

Car testing

Using toy cars with a variety of wheels test them on different surfaces to look at friction.

What does what?

Name as many forces as you can
What do they do?
Which vehicles do they act on?

Design ideas

How can we reduce the forces acting on a vehicle?
Ask the children to think of different ways to reduce the effect of certain forces on certain objects, eg. drag on an aeroplane





Things to be aware of when writing your risk assessment

- We are a working museum - please ensure children do not stray behind barriers
- Please take care on or near the roadways around the site
- The River Wey runs along the edge of the site
- Brooklands is a historic site and the ground is uneven in places
- Please visit the shop in small groups
- Please observe safety signs, especially those that ask you not to touch (some of our exhibits have live engines)
- Adults with the group are responsible for the pupils while on site and must supervise the children in their care.
- We expect a good standard of behaviour from school visitors and any poor behaviour may result in your school being asked to leave





Tips for a successful visit

- Return your completed booking form as soon as possible
- Book a free pre-visit to familiarise yourself with the site and write a risk assessment
- Introduce the children to the topics and objects you would like them to see at the Museum, why not try one of our suggested activities?
- Familiarise yourself with your timetable of the day and brief all adults to ensure they can attend the correct activity at the correct time.
- Ensure you gather any necessary materials needed for your visit, including photocopying any trails. We will only provide materials where stated.
- Contact us if you have any queries or need to change an aspect of your visit.

