

BROOKLANDS MUSEUM

Museum Explorer visit Teacher's pack

Thank you for booking a *Museum Explorer* visit. This visit is designed to allow your pupils to explore the Museum with a trail to focus their attention on your chosen topic.

Please **photocopy the attached trail** to bring with you on the day. You should allow a **minimum of 2 hours** for this visit.

Visit content

A **self-led** tour will allow your pupils to **closely explore your topic** through viewing our collection. The **trail** will enable your pupils to **look at details** they might not have noticed before and this visit can be catered to **Art & Design, History, Maths or Science**. The trail encourages close looking and develops observation and comprehension skills.



Subject links

English and
Art & Design
History
Maths or
Science



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:

Where have you been?

Make a map display on your classroom wall and put a pin in any place that the pupils have been to.

How did they get there?

Use different coloured pins for each method of transport.

Make an object

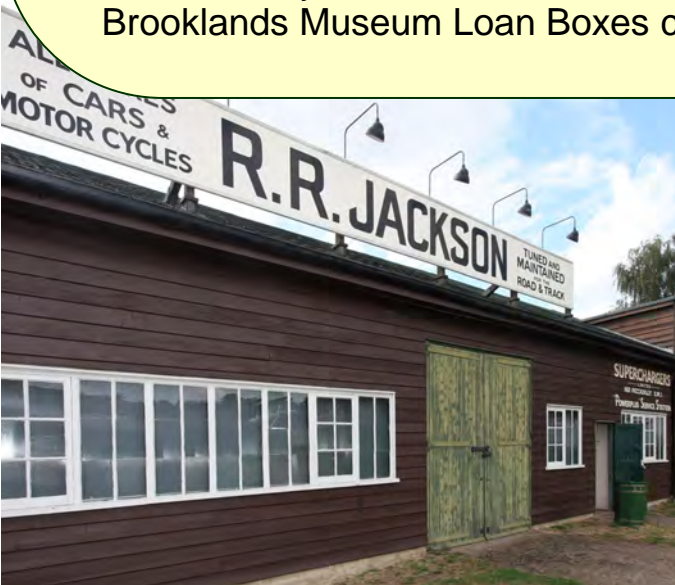
Recreate one of the objects you saw on your visit.

Be as creative as possible with your medium.

Museum display

Make your own mini museum in your classroom based on what you saw today.

Brooklands Museum Loan Boxes can be hired for this purpose.





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.



Maths Trail

Brooklands Museum has lots of cars and aeroplanes. We can find out more about them by using maths. If you answer the questions on this trail you will discover lots of interesting things about our exhibits. You will need to use addition, subtraction and multiplication as well as measuring to find all of the answers.

Look for this car in the Jackson Shed and measure the width of her tyres with your hand. If you stacked all of her tyres up how high would the stack be?



Jordan EJ11

Did you know?

Formula 1 cars go very fast so need special tyres.



Did you know?

Each car has a unique registration number.

Can you find the Railton Terraplane in the Campbell Shed? Write the numbers from the Terraplane's number plate below and add them together.

$$\square + \square = \square$$

Look for the Vickers Vimy in the Hangar. Stand in front of her and draw the shape of her engines.



What is the name of this shape?

Circle

Square

Octagon

As you go around the Museum look for these aeroplanes and find their top speed. Put them in order from fastest to slowest.

Sultan of Oman's
VC10

Sopwith Camel

Vickers Wellington

S
P
E
E
D

Fastest



Slowest

Do you notice anything about the age of the fastest and slowest aeroplanes?

This is Concorde. Can you find her and count how many wheels she has?
(Remember to check her carefully!)

6

10

12



Did you know?
Cars and aeroplanes are traditionally girls

As you visit the London Bus Museum find these two buses and write down when they were built. Can you work out how many years there are between the two dates?



Did you know?
The motor bus is the oldest one in the Museum