

Maths Challenge KS2

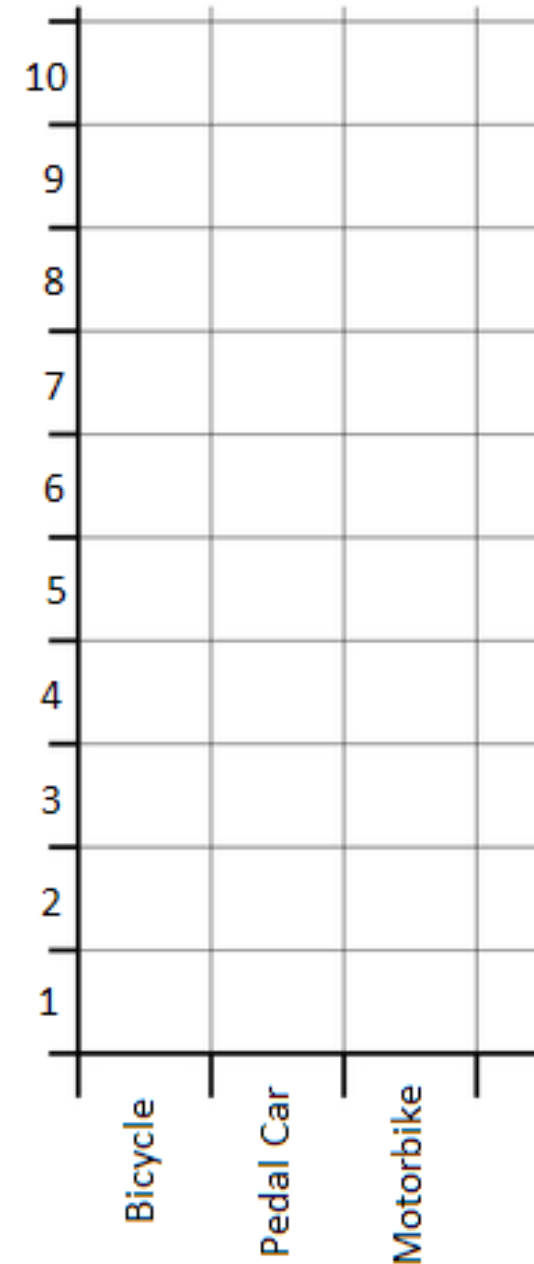


British Motor Museum Maths Challenge

Look out for Bicycles, Pedal Cars and Motorbikes in the Museum and count them on your tally chart (make sure you check on the time road as well!)

When you have counted them all make a bar graph to show your results!

Vehicle	Tally	Total
Bicycle		
Pedal Car		
Motorbike		



1

Welcome Gallery

Find a car with HUE on the number plate, and add its number to the number on the car with ACK on its number plate.

2

Garage

Multiply the number of oil cans on the top shelf behind the car by the number of spare tyres in the garage.

Write the number on the car's number plate in words.

3

Rotunda

How much did the BMW DIXI cost to buy?

How much change would you have from £750?

Multiply the number of engines in the rotunda by the number of Austin Motor Cars (make sure you only count the engines!)



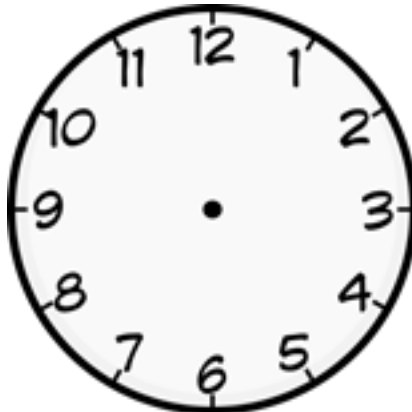
4

Making British Cars



Walk through the the Making British Cars section until you find the Longbridge Factory clock in a display case. What time is it? Write the time in words

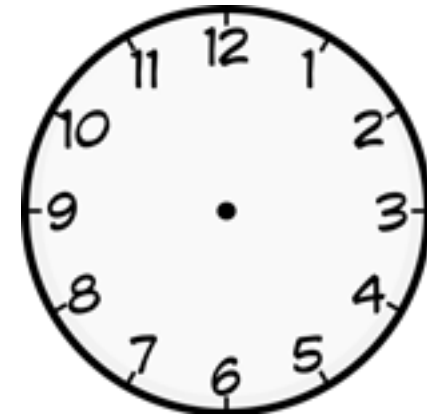
Draw the hands on the clock to show the correct time.



If the factory closes at 5:30pm, how long is left before I can go home?

What is the time on the clocking in machine by the Morris Fire Engine? Write the time down in words.

Draw the hands on the clock face.



If I clock off now and have 45 minutes for lunch, what time do I have to be back for work? Write the time in numbers!

5

Under the Skin

Count how many tyres you can see in 'Under the Skin' (make sure you find them all!)

Now divide this number by the number of wheels on the yellow rover

6

William Morris look inside his office



Write down the date on the calendar sitting on top of the radio in words

Is it: (please circle your answer)
Spring Summer Autumn Winter

Add together the number of telephones, the number of chairs and the number of medals above the fireplace in the office

7

Motorsport

Add the number on the 1925 Red Flash to the number on the 2001 Le Mans Racing Car

How far did the A90 Westminster Paper's Progress car travel?

8

Record Breakers

Subtract the top speed of the MG EX181 by the top speed of the MG EX179

9

Time Road



Use multiplication to find out how many spokes are on all of the wheels of the 1909 Albion?

10

The Bus

How tall are the wheels on the London Bus? (use the tape measure)

A return ticket on the bus costs £2.78. How much change would you have from £5.00?

11

Land Rover

How many lights can you count on the Land Rover 101 and its trailer? Remember not to include reflectors!

12

Sports Cars



Add the top speed of the 2001 Aston Martin Vanquish to the top speed of the 2011 McLaren

Congratulations!
You have completed the British Motor Museum Maths Challenge!