

How many things can you find that have wheels? Think about cars, buses, toys...

Are all wheels the same shape? Are all wheels the same size? Are they wide or narrow?

If we measure across the middle of the circle, it is called the diameter. All the way round the outside edge is called the circumference.

How many different diameters can you measure? Write down what the wheel belonged to and its diameter.

Can you think of anything that may have different size wheels?

Helpful hint: If you don't have a tape measure, use a piece of string and a ruler.



Family comments:

Child comments:



Curriculum Link

Measure, compare length. Begin to think about the properties of a circle.

Car number plates



Family Maths
Toolkit

Look at the cars in a car park or on your road. Write down the first digit in three different car number plates.

1. What are the 3 numbers for the cars you found?
2. What is their total if you add the digits together?
3. Does it matter which order you add the digits in?
4. Can you find a set of three car number plates where the first digits have a total greater than 20?
5. Could you make one up? Is it possible if one of the digits is 1?
6. Suppose you looked at all the cars in the car park - or on your road. How many times would you expect the first digits from three cars to add up to more than 20?



Family comments:

Child comments:



Curriculum Link

Solve a range of problems, thinking mathematically and working systematically.