

What is data?

Data is the name used given to numbers that are collected together to provide information.

Example

City of Bristol College want to know the different ways students travel to college. They ask each student as they arrive in the morning and record each persons answer. These answers are collectively known as 'data'.

Data can be known as:

		Example
Discrete data	Only specific values	number of goals scored number of students in class shoe size dress size number of items in a bag
Continuous data	Comes from measuring	height weight time distance speed
Grouped continuous data	Data grouped into sets with a specified width	height sets may have a width of 5cm: 140-144 cm 145-149 cm 150-154 cm 155-159 cm time sets may have a width of 15 minutes: 0-14 mins 15-29 mins 30-44 mins 45-59 mins
Qualitative data	Non-numerical, dealing with qualities	colour of hair: black, blonde, red hair preferred modes of transport: bus, bike, car gender of students sitting GCSE maths: male, female