



retrieval



Y2 pictograms
Y3 branching
databases



Digital Safety: Is seeing believing?

There are thousands of photographs online that we can look at and use but are they all genuine? Sometimes, people **alter or retouch** photos for different reasons including to advertise products. It's important that we recognise real from fake.

Vocabulary

retouch or alter	Change a feature about a photograph including adding or removing parts.	sensors	Input device that records information into a computer like sound or light.
table	One way of organising data in boxes so it's easier to read.	intervals	Regular amounts of time that data is recorded.
Data logger	Computer device that collects information using a sensor.	conclusions	What the data tells you – answer to questions you have had.

What?

1

Think about how data is collected over time. Questions will help with organising the data properly in a **table**. It's also important to collect the right data to answer questions.

Day	Steps
Sunday	
Monday	
Tuesday	

2

Data can be collected automatically using **data loggers**. The computer captures data from things around us like sound or temperature or light using '**sensors**'.



3

Data loggers record data at different **intervals** in time and you can use it to make comparisons along the way. Once the logger is connected to a computer, you can see the data and look through it to understand what it shows you.



4

Think about questions that can be answered using collected data. Choose a question to focus on and plan the data needed. Then set up the data loggers to check that your plan will work. You can then make **conclusions** based on what you find out.

