

Data is all the information and measurements that are collected by scientists from textbooks, encyclopedias, journals and the internet, or from carrying out their own investigations. Scientists collect data and organise it into tables and graphs. They analyse the data, draw conclusions from it and then write it all up so that other scientists can understand it.

science 4 fun

Internet reaction times

How fast can you react?

Do this ...

- 1 Use the key words *reflex tester* or *reaction time* in your internet search engine to find interactive games that will measure your reaction time.
- 2 Although most of the games involve detecting a change in colour of the web page, some shoot tranquiliser guns into sheep while in others you play baseball! Try as many as you can to determine your average reaction time.

Record this ...

- 1 Describe what happened.
- 2 Explain why you think this happened.



FIGURE 1.1.1 Data on this parrot would include its size and mass, the environment it lives in, the number of tail feathers it has, the average number of eggs it lays and the age at which it first flies.

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Pearson Home School



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