

Data with no name !



Here is the Data for an imaginary class. Although we don't know anything except that this is the data for 1 class answering 1 question on the CensusAtSchool questionnaire it is quite amazing what we can find out with a little bit of thought.

Have a look at the data on the separate datasheet. Choose to use Class A or Class B, then for the class you have chosen answer the questions below. Choosing Class A will mean you are working mainly at National Curriculum level 4, Class B is mainly National Curriculum level 6

Worksheet

1. Can you tell which question the class were answering ? How ?
2. How many people are in the class ?
3. Do you think this class is older, younger or the same age as yours ? How can you tell ?
4. Put the Data into a Frequency Table and then display it in a graph. Try to choose a type of graph that will show the information well. (If you are working with the data from Class B you will need to choose groups to put your information into. Choose between 6 to 10 groups and explain how you are doing this.)
5. Work out some Statistical information from the data. You can work out the Averages (Mean, Mode and Median) Also the minimum, maximum and the range.
6. Try transferring the data into a spreadsheet on the computer. You should be able to get the computer to do all the hard work now. It can draw graphs of the data and work out statistical information.
7. You can compare the data with the national data available from CensusAtSchool. Why not compare this imaginary class with your own ? What conclusions can you reach ?

Data sheet

Class A

148	146	146	149	150
146	145	144	145	146
145	149	153	147	151
147	145	147	153	145
142	147	146	151	145
142	143	148	144	146

Class B

165	178	168	164	167
163	164	184	174	173
161	157	154	166	176
175	182	168	168	160
175	165	164	177	158
181	161	172	166	