Overview of Data

	1.0	2.0	3.0	4.0	5.0	6.0
Collecting data	▪ classifying ▪ counting			▪ simulations ▪ questionnaires		▪ surveys considering sampling
Data types	▪ categories (e.g. red)	▪ frequencies (e.g. 6 reds)	▪ other discrete numerical data	▪ continuous numerical data	▪ grouped data	▪ bivariate
Creating and interpreting visual displays	▪ pictographs	▪ bar graph ▪ column graph / simple histogram		▪ line graphs ▪ pie charts	▪ dot plot ▪ stem & leaf plot	▪ boxplot ▪ scatterplot
Calculating and interpreting statistics				▪ mode ▪ median ▪ mean ▪ range	▪ statistics with grouped data mean abs difference	▪ quartiles & inter-quartile range line of good fit correlation (estimated)
	1.0	2.0	3.0	4.0	5.0	6.0