Probability – Numerical measure of the likelihood of an outcome, bounded at 0 (impossible and 1 (certain) – e.g. 0.5 is a 50/50 chance of something happening

Experiment – an observation of a process, cannot be predicted with certainty ahead of time.

Sample space – denoted S, the set of all possible outcomes of an experiment, the sample space is the set composed of individual sample points: simple outcomes

Set – A well defined collection of distinct objects, e.g. S1 = {orange, apple, banana, toast, 71} (a valid set, no repeated items), S2 = {orange, apple, banana, toast, toast, 71} (not a valid set b/c toast is repeated)

Event – A subset of the sample space