## Year 7 Knowledge Organiser

## Probability



I Enumerate - an ordered listing

Set - a collection of objects

Venn diagram - a diagram organising sets, enclosed within a universal set

Possibility space, sample space - a list of all possible outcomes of an experiment e.g. tossing a coin (heads, +ails)

Equally likely outcomes events that have the same theoretical probability (or likelihood) of occurring
Theoretical probability determined on the basis of reasoning
Experimental probability determined on the basis of the results of an
experiment repeated many times

Bias - a built in error that makes all values wrong by a certain amount
Relative frequency - how often something happens divided by all outcomes


