Ideas of chance and uncertainty

Term	Definition	Illustration		
Certainty	The probability that an event will 100% definitely occur.			
Chance	The number of times a single event is <i>likely</i> to happen out of a total number of possibilities. For example, there is a 1 in 6 chance of throwing a 3 on a die labelled 1-6, and there is a 1 in 2 chance of throwing an even number.	<image/> Examples of chance Image: Chance of the chance o		
Consequences	The impact a decision can make on subsequent events.			
Draw conclusions	To make statements about a set of data based on results.			
Event	A single result of an experiment.			

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Frequency table	A table used to note tally marks and show frequencies of each item.					
		Number of cars passing the school				
		Colour	Tally Marks	Frequency		
		Red	1Ht 1	6		
		Silver	1111 1111 II	12		
		White	1117 LAAP 111	17		
		G reen	1111	4		
		Blue	-HHT 1111	9		
		Black	1444	5		
		Gold	1	1		
Language of probability	The words used to describe the likelihood or chance of an event happening. Words can include; never, sometimes, always, likely, unlikely, possible, impossible, certain, uncertain, one in ten change, 50/50 change etc.					
	uncertain, one in ten chance, 50/50 chance etc.					
Likelihood	The chance that an event will happen.					
Prediction	An educated guess at future events based on past experiences. e.g. predicting the weather in December.					
Probability	How likely something is to happen – calculated as the number of times an event actually happened divided by the number of possible events. It may be expressed as a fraction, decimal fraction or percentage.					
Uncertainty	The probability that an event may not happen.					