Stage 8 – Probability I

KEYWORDS

- Understand the equivalence between fractions, decimals and percentages
- Compare fractions, decimals or percentages
- Simplify a fraction by cancelling common factors

THE BIG PICTURE

- Understand the meaning of probability
- Experimental and Theoretical probability

- Probability
- Theoretical-"of or pertaining to theory," from Greek theoretikos
- Experiment
- Outcome
- Impossible-late 14c., from Old French impossible (14c.), from Latin impossibilis "not possible,"
- Unlikely
- Equally likely
- Certain-c. 1300, "determined, fixed," from Old French certain say *sir tin*
- Mutually Exclusive

Probability I - Targets	Before Topic	After Topic	Teacher Mark
· Know and use the vocabulary of probability			
· Understand the use of the 0-1 scale to measure probability			
· List all the outcomes for an experiment, including the use of tables			
· Work out theoretical probabilities for events with equally likely outcomes			
· Know that the sum of probabilities for all outcomes is 1			
· Apply the fact that the sum of probabilities for all outcomes is 1			
· Know the difference between theoretical and experimental probability			