

# Stage 8 – Probability II

## KEYWORDS

### WHAT DO WE ALREADY *know?*

- Understand the use of the 0-1 scale to measure probability
- Know how to represent a probability
- Know that the sum of probabilities for all outcomes is 1

## THE BIG PICTURE

- Experimental probability
- Listing outcomes using tables and diagrams
- Frequency trees.

- Experimental
- Theoretical
- Frequency Tree
- Enumerate
- Venn
- Diagram
- Sample Space
- Random
- Bias
- Relative Frequency

### Probability II - Targets

	Before Topic	After Topic	Teacher Mark
List all elements in a combination of sets using a Venn diagram			
List outcomes of an event systematically			
Use a table to list all outcomes of an event			
Use frequency trees to record outcomes of probability experiments			
Construct theoretical possibility spaces for combined experiments with equally likely outcomes			
Calculate probabilities using a possibility space			
Use theoretical probability to calculate expected outcomes			
Use experimental probability to calculate expected outcomes			