Topic Title:

Probability – You are going to learn about dependent and independent events. In addition, you will study the probability of multiple events occurring and how to use frequency trees and tree diagrams

Ratio – Percentages and decimal multipliers – You are going to be learning some key life skills used in the majority of businesses and that will help with your bank account! For example, how to increase and decrease values by a certain amount, compound and simple interest, and how to work in reverse.

Keyword	Definition
Sample space	A method used in mathematics to display all possible outcomes.
Probability	How likely something is to happen
Impossible	No chance - will not happen - an outcome with a probability of 0.
Unlikely	Will probably not happen - an outcome with a probability between 0 and 0.5.
Even	Equally likely events in probability are those events in which the outcomes are equally possible. For example, on tossing a coin, getting a head or getting a tail
Likely	Most probably will happen - an outcome with a probability between 0.5 and 1.
Certain	Something with a probability of 1. It is sure to happen.
Tree Diagram	A tool that helps to calculate the number of possible outcomes of an event, and each of their probabilities.
Percentage	A number that is expressed as a part of 100. It is often denoted using the percent sign "%".
Compound Interest	When you earn interest on both the money you have saved and the interest you earn.
Simple Interest	Interest calculated as a percent of only the original loan or saving.
Decimal Multiplier	A decimal factor that increases or decreases an initial value