My Learning Journey

LJ	1		Mathematics	Year group		9
Unit/Topic				**Keywords**		
					Tier 2	**Tier 3**
LP7 - Probability					Scale, outcomes, chance, likely, unlikely, even, certain, impossible.	Probability, independent events. mutually exclusive, dependent

	Number of lessons per fortnight		**Number of Pit Stops across LJ**	2
Week	**What will I learn (Amcan)?**	**How will I showcase what I have learned?**	**How will I know I am making progress? (Success Criteria)**	
0	Welcome back & introduction.		I understand what is expected of me in my maths lessons.	
1	Use the language of probability to describe the chance of an event occurring. Understand how to use a probability scale.	A1: QQ Using language of probability & a probability scale.	I can use the language of chance to describe the how likely an event is to happen. I can position the probability of events happening on a probability scale. I can list all the outcomes of a single event.	
2	Know how to calculate the probability of equally likely outcomes. Understand links between the probability of an event not occuring and occuring. Summarise how a sample space diagrams finds the probabilities of 2 events.	A2: QQ - Sample Space Diagram	I can calculate the probability of equally likely outcomes. I can calculate the probabilities of events not occurring. I can use sample space diagrams to find probabilities of 2 events.	
3	Use two way tables to calculate probabilities. Know how a Venn diagrams sorts data. Interpret and find probabilities from Venn diagrams	A3: Pit stop - probability.	I can calculate probabilities from two-way tables. I can draw and sort data into Venn Diagrams. I can interpret and find probabilities from Venn Diagrams.	
4	Use a tree diagram to show the outcomes of more than one event occurring. Use a tree diagram to calculate the outcomes of more than one event occurring.	A4: QQ Tree Diagrams	I can use a tree diagram to show the outcomes of more than one event occurring. I can use a tree diagram to calculate the outcomes of more than one event occurring.	
5	Understand the use and importance of each section of the handling data cycle. Define and write a good hypothesis. Collect data using a tally chart.	A5: Frayer model - Hypothesis. Fornightly homework on maths watch, satchel one or skills check.	I can give examples of a variety of aspects from each part of the handling data cycle. I can write a hypothesis that can be tested. I know the difference between primary and secondary data. I know the difference between quantitative and qualitative data.	
6	Identify good questions and critique questionnaires. Know what a good data collection sheet looks like	A6: Pit stop - collecting data.	I can identify good questions and response sections. I can write good questions and response sections. I can design a data collection sheet to collect data for a variety of situations. I can describe the strengths and weaknesses of different types of data.	
7	Construct and interpret bar charts. Construct a pie chart to display different types of data. Analyse data displayed in a pie chart.	A7: Pie Charts exam question	I can construct and interpret a bar chart. I can construct an accurate pie chart. I can interpret a pie chart.	