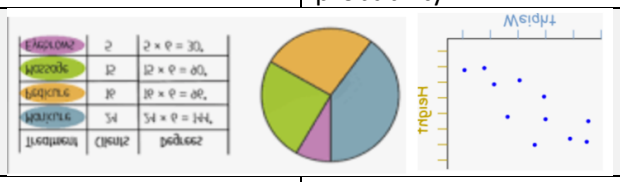
Year 8 Term 3

Learning Aim	Emerging	Developing	Securing	Mastering
Probability	Find probability of single events	Understand sum to 1 List outcomes Use sample space diagrams & two way tables	Organise sets in to venn diagrams to answer probability questions.	
	PERCENTAGE P(of getting an E)	Find the missing values in the two-way table Left-handed / Right-handed Male: 7 Female: 49 13 78	A 0.3 0.2 B 0.1 0.4	
Statistics		Draw pie charts	Interpret pie charts Draw and interpret scatter diagrams inc. outliers Draw and interpret two-way tables inc. answers in probability	
				
Averages	Find mode and range from a list	Find all 4 averages from a list Interpret averages from stem and leaf	**Find mean from frequency table**	
	Find mode and range from the data set 3,5,4,6,3,2,7	13 | 3 4 5 7 9 9 14 | 0 2 2 8 15 | 0 6 Key 13 | 9 = 139	Distance (km) / Frequency 0 ≤ d <100 : 2 100 ≤ d <200 : 5 200 ≤ d <300 : 7 300 ≤ d <400 : 12 400 ≤ d <500 : 10 500 ≤ d <600 : 4	

Extension opportunities	Introduction to:
Probability	Tree diagrams Understand Venn notation
Averages	**Find all four averages from tables and diagrams eg. Bar chart**

You can find practice on all the topics taught this term at Mathsworkout.co.uk
Login: sarum
Password: solid92

Go to statistics & probability section: 02,06,07,08,09,10, 16

Choosing the right level of difficulty for you within each topic area.