Unit 8 - Statistics				
Learning Aim (WALT)	Activities	Learning Outcome (WILF)		
Collect and sort data	 10Ticks L3-6 p45 10Ticks L6-6 p3-6 Home Learning year 3 Statistics pages 1,2 MyMaths (data) – collecting data (types of data, sampling, questionnaires) MyMaths (data) – presenting data (sorting) 	 Sort and classify objects using 1 criterion (E1) Sort and classify information using more than 1 criteria (E2) Collect information by survey (E2) Extract numerical information from lists, tables and charts (E3) Identify different types of data (L1) Evaluate questionnaires and create appropriate questions to collect data (L1) Organise data using Stem&Leaf diagrams (L1) Use sampling to interpret population data (L1) Organise data in groups (L1) 		
Record and Identify Information	 10Ticks L3-6 p40 Home Learning year 3 Statistics pages 3-11 MyMaths (data) – presenting data (lists and tables, 2way tables, grouping data, 	 Interpret and draw conclusions from a list or group of objects (E1) Record results in lists, tally charts and tables (E2) Complete tally charts and frequency tables from a list of results (E3) Record data in groups (L1) 		
Represent and interpret information graphically	 10Ticks L3-6 p40-44 10Ticks L4-6 p3-16, 17-22 10Ticks L5-6 p7-14, 19-24 10Ticks L6-6 p9-10, 11-14 10Ticks L7-6 p35-36, 39-42 Home Learning year 2 Statistics pages 2,4,5 MyMaths (data) – presenting data (introducing data, bar charts, pictograms, line graphs, pie charts, cumulative frequency) 	 Construct and interpret simple line graphs (E1) Construct and interpret pictograms where one picture represents one item (E2) Construct and interpret bar charts with vertical axes scales in ones or twos (E3) Construct and interpret pictograms where one picture represents multiple items (E3) Construct pie charts (L1) Construct cumulative frequency graphs (L1) Identify continuous and discrete data sets (L2) 		

ACP Learning Outline - Mathematics

Compare and analyse results	 Home Learning year 2 Statistics pages MyMaths (data) – presenting data (sca box plots, histograms) 10Ticks L6-5 p5-8, 9-10 10Ticks L7-1 p 31-34 		
Probability	 MyMaths (data) – presenting data (tree MyMaths (data) – probability (all releven 10Ticks L3-6 p45,46 10Ticks L4-6 p27-39 10Ticks L5-1 p39-42 10Ticks L6-6 p22,23 10Ticks L7-1 p3-18 		
Averages	 MyMaths (data) – processing data (all 10Ticks L4-6 p23-26 10Ticks L5-6 p3-6 10Ticks L7-6 p33-34, 37-38 	 Identify mode and range (E1) Sort data and identify median values (E2) Calculate mean from lists of numbers (E3) Calculate averages and range from tabulated data (L1) Estimate values from grouped data in tables (L1) Analyse trend using rolling/moving averages (L1) 	
Progress Check	ready for when we return and revie	Complete the appropriate tasks below - mark and record score – gap analysis for topics (RAG) view the learning area in subsequent years. Cs & Probability – complete assignment paper A - obability d) Relative Frequency e) Venn Diagrams – grade 4 f) Tree Diagrams – grade 4 	

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e) Collect & represent data	j) averages calculations