Pupil:_____

Learning target:	Date
I can sort objects by given criteria	
I can decide what information I want to collect	
I am beginning to make lists of my own	
I can make and organize a list	
Collect	
I can collect data e.g. colour of shoes, favourite cereal….	
I can keep a simple tally of the information collected, as in IIIIIIIIII	
Present	
I can record data through pictures e.g. *3 red cars, 2blue*	
I can help to make a pictogram	
Analysis of Pictograms	
I can count the number of cubes in a tower	
I can make comparisons using data in a pictogram e.g. Which has the most? Least? How much more?	

37	38	39	40	41	42	43	44	45
up to 1	up to 2	up to 4	up to 5	up to 6	up to 7	up to 8	up to 9	up to 10

Jottings

End of Autumn Term		**End of Autumn Term**	
End of Spring Term		**End of Spring Term**	
End of Summer Term		**End of Summer Term**	

Oaktree School Curriculum Ladder

Maths: Statistics Steps 10-12 (46-54)

Pupil:_____

Learning target:	Date
I can sort objects using more than one criteria	
I can choose the criteria	
I can decide what information I want to collect	
I can collect the data	
I can keep a tally of the information collected and use it	
I can use a simple tally chart to count, in fives IIIII IIIII IIIII	
I can use a gate tally chart	
Presentation I can organize the data	
I can discuss the information collected	
I can discuss how to present the data	
I can draw a pictogram	
I can draw a block graph	
I realize that graphs can be horizontal or vertical	
Analysis:	
I can make comparisons using data in a pictogram	
I can check that the results answer the original question	
I can answer questions	
I can suggest ways of improving the presentation	

46	47	48	49	50	51	52	53	54
up to 2	up to 4	up to 6	up to8	up to 10	up to 12	up to 15	up to 16	up to 17

End of Autumn Term		End of Autumn Term	
End of Spring Term		End of Spring Term	
End of Summer Term		End of Summer Term	

Pupil:_____

Learning target:	Date
I can classify objects according to one criteria on a Venn diagram	
I can classify objects according to two criteria on a Carroll diagram	
Collect	
I can decide what information needs to be collected	
I can discuss how to collect the data	
Presentation:	
I can draw a graph	
I can label the axis of a graph	
I can enter information into a prepared data base	
I can draw a pictogram where 1 unit represents more than 1	
I can make a simple frequency table	
I can use a computer to produce a graph	
Analysis:	
I can make comparisons using the data	
I can check that the information gives an answer to the original question	
I can read graphs made by others	
I can decide on how accurate the data is	

55	56	57	58	59	60	61	62	63
up to 1	up to 2	up to 3	up to 5	up to 7	up to 9	up to 10	up to 12	up to 14

End of Autumn Term		End of Autumn Term	
End of Spring Term		End of Spring Term	
End of Summer Term		End of Summer Term	

Pupil:_____

Learning target:	Date
Plan and Collect:	
I can choose appropriate data to collect	
I can group data into suitable intervals	
I can record data using a frequency table	
Presentation:	
I can draw suitable frequency diagrams, including bar charts, pictograms and pie charts	
I can draw simple l**ine graphs**	
I can collect discrete data and record them using a frequency table	
Analysis: I can interpret the frequency diagrams	
I can interpret different scales	
I can compare data	
I can find the **mode, mean and median** of a set of data	
I can solve a problem by collecting and interpreting different graphs and tables	
I understand the language of probability such as **likely, fair, even** and **certain**	

64	65	66	67	68	69	70	71	72
up to 1	up to 2	up to 3	up to 4	up to 5	up to 6	up to 8	up to 10	up to 12

End of Autumn Term		End of Autumn Term	
End of Spring Term		End of Spring Term	
End of Summer Term		End of Summer Term	

Pupil:_____

Learning target:	Date
I can choose data to collect to test my hypotheses	
I know if probability can be calculated	
I understand that different outcomes may result from repeating an experiment	
Presentation:	
I can understand and use **the range, mean, mode** and **median**	
I understand and can use the **probability scale** 0-1	
Analysis:	
I can solve a problem by extracting and interpreting data from a variety of tables, graphs and charts	
I can recognise where information is presented in a misleading way	
After drawing conclusions, I can identify further questions to ask	
I can predict outcomes using probability	

73	74	75	76	77	78	79	80	81
up to 1	up to 2	up to 3	up to 4	up to 5	up to 6	up to 7	up to 8	up to 9

Jottings

End of Autumn Term		**End of Autumn Term**	
End of Spring Term		**End of Spring Term**	
End of Summer Term		**End of Summer Term**	