



Crosby Primary School

Mathematics Medium Term Plan Year 4 Summer Term

Unit 6 Statistics (2 Weeks)

National Curriculum

- Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and line graphs.
- Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

Ready to Progress

- 4NPV-4 Divide 1,000 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 1,000 with 2, 4, 5 and 10 equal parts.

Times Tables

- Revise all times tables.

Ready to Progress

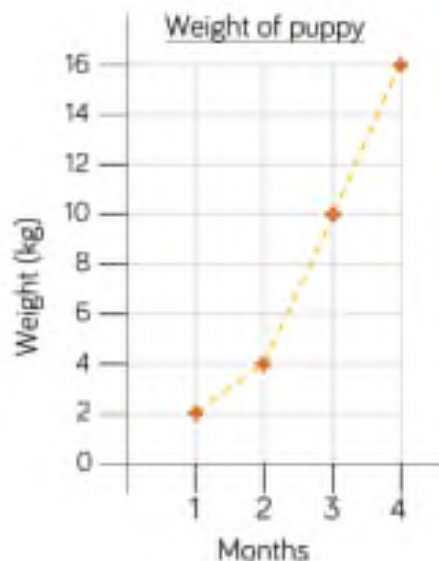
- 4NF-1 Recall multiplication and division facts up to 12x12, and recognise products in multiplication tables as multiples of the corresponding number
- 4MD-2 Manipulate multiplication and division equations, and understand and apply the commutative property of multiplication.
- 4MD-3 Understand and apply the distributive property of multiplication

Team	Number of house points
Sycamore	
Oak	
Beech	
Ash	

= 20 points

Concept Sequence

- Interpret Charts – bar charts, pictograms and tables. Consider scale when drawing own. Gather data and present in tally charts. Explore data so focus is on interpreting rather than drawing. Note key in pictograms.
- Comparison, sum and difference – discrete data with a range of scales. Ask and answer questions about data children have collected too.
- Interpret line graphs – eg. time, temperature, height. Look at scales to read accurately. Note that values between measurements are estimates only. Solve problems.
- Draw line Graphs – use pre-drawn axes. Use a ruler.



Vocabulary

Count, tally, sort, vote,
Graph, block graph, pictogram
Represent, group, set, list, table, label, title
chart, bar chart, frequency table

Axis, axes, diagram

Most popular/common, least popular/common,
Difference,

How many more...?

How many fewer...?

Sum, total

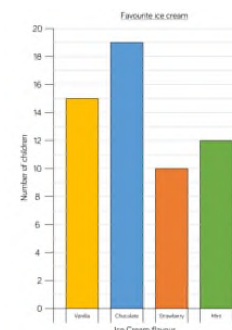
New Vocabulary

Survey, questionnaire,

data, discrete data

Continuous data

Line graphs



Planning Links

White Rose Scheme of Work:

<https://assets.whiterosemaths.com/new-schemes/Year%204%20Summer%20Block%205%20Statistics.pdf>

Power Maths, White Rose, Maths No Problem, Aspire Maths

Resources

Gordons Maths Games, Mathletics, TTRockstars

BBC Super Movers

<https://www.bbc.co.uk/teach/super-movers/ks2-maths-collection/z7frpg8>