



NC

Solve comparison, sum and difference problems using information presented in a line graph

Complete, read and interpret information in tables, including timetables

Focus: Statistics

Time: 2 weeks

Times Tables 5NF-1

Consolidate and practice all multiplication and division facts to 12x12 – any order, missing numbers, fractions.

Use multiplication and division facts to derive associated facts.

Develop multiplicative reasoning - links between multiplication, division and fractions.

Concept Sequence

Recap Y4 Interpret Charts/Recap Y4 Comparison, Sum and Difference/Recap Y4 introduce Line Graphs

Draw line graphs – link with Science, draw different scales.

Read and Interpret Line Graphs – Draw vertical/horizontal lines to read. Note - values between measurements are only estimates.

Use line graphs to solve problems – solve comparison, sum and difference and generate questions.

Read and interpret tables – extract information and answer questions. Apply addition and subtraction skills to solve sum/difference problems.

Two-way tables – two sets of data, complete missing values.

Recap Digital clock – 24h

Read and interpret timetables – use real examples.

Vocabulary

Count, tally, vote, database, outcome

Survey, questionnaire, data

Graph, block graph, pictogram, Bar line chart

Line graph

Represent, group, set

List, table, chart, bar chart, frequency table

Carroll diagram, Venn diagram

Label, title, axis (x and y), axes

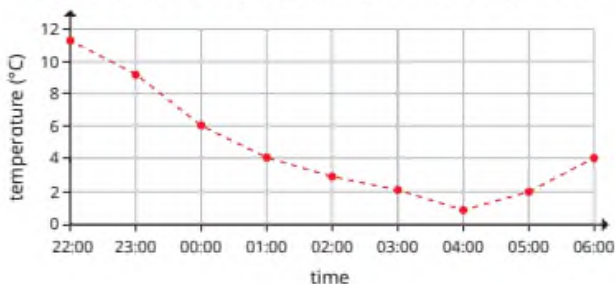
Diagram

Maximum/minimum value

Most popular/common, least popular/common

Estimate, scales

The graph shows the night-time temperatures in a garden.



	Bus Timetable				
Halifax	06:05	06:35	07:10	07:43	08:15
Shelf	06:15	06:45		07:59	08:31
Shelf Village	06:16	06:46	07:23	08:00	08:32
Woodside	06:21	06:50	07:28		
Odsal	06:26	06:55	07:33	08:15	08:45
Bradford	06:40	07:10	07:48	08:30	09:00

	Male	Female	Total
Constable	55	24	79
Sergeant	8	5	13
Inspector	2	4	6
Chief Inspector	1	1	2
Total	66	34	100

Planning Links

Power Maths/Maths No Problem/Aspire Maths

White Rose Scheme of Work:

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

Resources

Timetables, Gordons Maths Games, Mathletics,

TTRockstars

BBC Super Movers

<https://www.bbc.co.uk/teach/supermovers/ks2-collection/zr4ky9q>