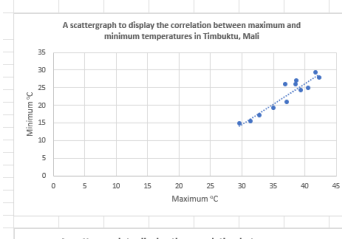
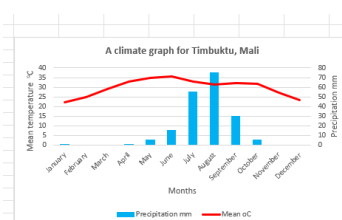
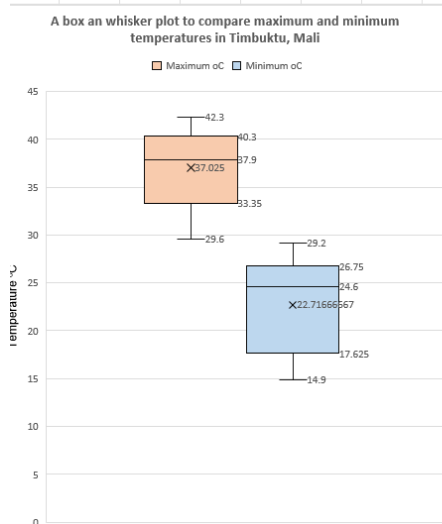
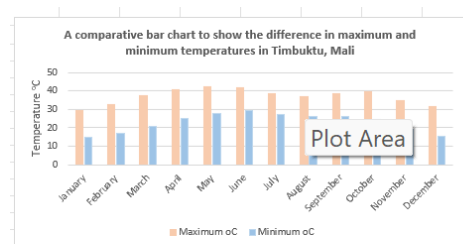


Lower 6 geographers sharpen their skills in statistical analysis and data presentation



Spearman's Rank: maximum and minimum temperature in Timbuktu, Mali

Maximum °C	Rank	Minimum °C	Rank	D	D ²
29.6	12	14.9	12	0	0
32.8	10	17.1	10	0	0
37.2	7	20.9	8	-1	1
40.6	3	24.9	6	-3	9
42.3	1	27.7	2	-1	1
41.8	2	29.2	1	1	1
38.7	5	27	3	2	4
36.9	8	26	4.5	3.5	12.25
38.6	6	26	4.5	1.5	2.25
39.4	4	24.3	7	-3	9
35	9	19.2	9	0	0
31.4	11	15.4	11	0	0
Sum				39.5	
6* Sum				237	
Divided				0.14	
1 Minus				0.86	

The Lower 6 geographers have been working hard on data analysis and presentation, using a range of fundamental statistical and graphical methods. These essential skills are not only a vital part of their learning journey but will also help them shine in exams and boost their Non-Examined Assessment result.

In class, pupils have been exploring hot desert data from Timbuktu, Mali, as they develop their expertise. They have been mastering techniques like Spearman's Rank Correlation Coefficient, the Chi-Squared Test, Standard Deviation, and the Interquartile Range. On the graphical side, they are creating dynamic visuals with box-and-whisker plots, scatter graphs with lines of best fit, and comparative bar charts.

Mrs Colette McDermott