



ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN

TOPIC TITLE: Statistics (Graphs – 5LS38)

YEAR GROUP: 5

TERM: Spring 1

<p>Vocabulary</p> <p>Line Data Graph Chart Table Sum Difference Discrete Continuous</p>	<p>Skills</p> <ul style="list-style-type: none">• Use data to make comparisons and calculate sum or difference• Use information in a line graph to compare and calculate• Solve problems using information in line graphs• Reason which representations are most appropriate for different data• Consider the impact that different representations have upon the reader• Recognise whether bar or line graphs are more appropriate for discrete and continuous data• Choose appropriate data representations	<p>What we already know</p> <ul style="list-style-type: none">• Rehearsal of interpreting data in different ways• Different representations of data e.g. graph, table, chart• How time is measured and recorded										
<p>Illustration</p> <table border="1"><caption>Temperature Data</caption><thead><tr><th>Day of the week</th><th>Temperature (degrees C)</th></tr></thead><tbody><tr><td>Monday</td><td>12</td></tr><tr><td>Tuesday</td><td>8</td></tr><tr><td>Wednesday</td><td>7</td></tr><tr><td>Thursday</td><td>10</td></tr></tbody></table>	Day of the week	Temperature (degrees C)	Monday	12	Tuesday	8	Wednesday	7	Thursday	10	<p>Application/ Outcomes</p> <ul style="list-style-type: none">• Exploring data• Drawing conclusions from sets of data• Compare representations of data in text and tables	<p>Concepts</p> <ul style="list-style-type: none">• The x and y axis are representative of discrete or continuous data• The mathematical difference is calculated by finding the 'gap' between two values• The mathematical sum is calculated by adding values together• Data can be read from a graph by using a straight line from the relevant point on the x-axis to the data line, then creating a right angle to the y-axis and vice versa
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