



# Longfield Learning Journey



|   |   |          |          |          |
|---|---|----------|----------|----------|
| <b>Key Stage 4<br/>HIGHER</b>   | <b>Unit of work: Handling Data 2</b>          |          |          |          |
| <b>Key Words:</b>   | <b>Prerequisites Green core – Blue extend</b> | <b>R</b> | <b>A</b> | <b>G</b> |
| Distribution, central tendency, spread, cumulative frequency, box plot, quartiles, IQR, interpolate, extrapolate. | Find fractions and percentages of amounts.    |          |          |          |
|   | Interpret graphs.                             |          |          |          |

|    | <b>Content: Handling Data 2</b>   | <b>R</b> | <b>A</b> | <b>G</b> |
|----|---|----------|----------|----------|
| S5 | Analyse the distributions of data sets through appropriate measure of central tendency and spread.  |          |          |          |
| S3 | Construct and interpret cumulative frequency graphs.  |          |          |          |
| S3 | Construct and interpret box plots.  |          |          |          |
| S4 | Analyse the distributions of data sets through appropriate measure of central tendency and spread; (can be graphically including box plots) |          |          |          |
| S6 | Use and interpret scatter graphs; recognise correlation and know that it does not indicate causation.                                       |          |          |          |
| S6 | Draw estimated lines of best fit.   |          |          |          |
| S6 | Interpolate and extrapolate apparent trends whilst knowing the dangers of so doing.   |          |          |          |
| S2 | Interpret and construct tables, charts and diagrams for time series data and know their appropriate use.                                    |          |          |          |

| <b>K</b><br><i>What you know</i> | <b>W</b><br><i>What you want to know</i> | <b>L</b><br><i>What have you learned</i> |
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|                                  |  |  |