



## Network School AS Long Term Curriculum Plan

Subject – Probability and Statistics				
Year Group	Term 1 (Aug – Oct)	Term 2 (Oct – Dec)	Term 3 (Jan – Mar)	Term 4 Mar – Jun)
Year 13 (A Level)	<p><b><u>Chapter 1 – Representation of data</u></b>            A – Measures of central tendency            B – Measures of variation            C – Presenting data            D – Quadratic equations            E - Cumulative frequency graphs            F – Calculating the mean and standard deviation using frequency tables and summary data</p> <p>Review /Topic tests</p> <p><b><u>Chapter 2 – Probability, permutations and combinations</u></b>            A – Permutations and combinations            B – Evaluating probabilities            C – Venn diagrams and probabilities            D – Mutually exclusive, independent and dependent events            E - Conditional probability</p>	<p><b><u>Chapter 3 – Discrete random variables</u></b>            A – Probability distributions of discrete variables            B – Expectation of X            C - Variance of X            D - Geometric and binomial distributions            E - Expectation and variance of geometric and binomial distributions</p> <p>Review /Topic tests</p> <p><b><u>Chapter 7 – Normal distribution</u></b>            A – The normal distribution            B – Using the normal distribution            C – Non-standardised variables            D – Using normal distribution to approximate the binomial distribution</p> <p>Review /Topic tests</p>	<p><b><u>Revision</u></b>            Using worksheets – topic by topic            Preparing for the mock exam            Reviewing mock exam results.            More revision – using past question papers</p>	<p><b>Final preparation for A Level exams</b></p>



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	Review/Topic tests			
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