



ASPIRE • BELIEVE • ACHIEVE



### Curriculum Overview: Mathematics Year 8 Mainstream

Year 8 Summer Term 2			
What are we learning?	What knowledge, understanding and skills will we gain?	What does excellence look like?	What additional resources are available?
Averages and Range	<p><b>Knowledge</b></p> <ul style="list-style-type: none"> <li>• Definition of mean, median, mode and range</li> <li>• Reading data from a table</li> </ul> <p><b>Understanding</b></p> <ul style="list-style-type: none"> <li>• Understanding of sharing into equal parts to find the median and the mean</li> <li>• Understand the use of random numbers in a real life situation.</li> <li>• Understand inequality notation in averages.</li> <li>• Understand the need for sampling.</li> </ul> <p><b>Skills</b></p> <ul style="list-style-type: none"> <li>• Calculating the mean, median, mode and range.</li> <li>• Estimating the mean by using number skills and midpoint.</li> </ul>	<p>Students can differentiate between and describe the different averages using a thinking map.</p> <p>Students are able to find the averages of grouped data and ungrouped data.</p> <p>Students show a clear understanding of inequalities and how it affects the class groups of grouped data and how it might impact the average.</p> <p>Students are able to recognise the advantages and disadvantages of all types of averages.</p>	<p>Mathsbox  <a href="https://www.bbc.com/bitesize">https://www.bbc.com/bitesize</a>            Corbett Maths            Mathsbot            Pixi Maths            PixL times tables APP            Mathswatch            Department videos</p>

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