## Maths KS3 Subject Wider Reading List

All books listed below can be found in our school library.

Year	Book
group	
KS3  Equilateral Triangle Rotational Symmetry: Order 3	<ul> <li>'White Rose Maths Key Stage 3 Student Book 1' by Ian Davies &amp; Caroline Hamilton</li> <li>'White Rose Maths Key Stage 3 Student Book 2' by Ian Davies &amp; Caroline Hamilton</li> <li>'White Rose Maths Key Stage 3 Student Book 3' by Ian Davies &amp; Caroline Hamilton</li> <li>'Key Stage Three Knowledge Organiser: Maths Higher Level' by CGP</li> <li>'Key Stage Three Knowledge Organiser: Maths Foundation Level' by CGP</li> <li>'Key Stage Three Mathematics Foundation Level: The Study Guide' by CGP</li> </ul>
STATE OF THE STATE	<ul> <li>'Key Stage Three Mathematics Higher Level: The Study Guide' by CGP</li> <li>'KS3 Maths Complete Revision and Practice - Foundation' by CGP</li> <li>'KS3 Maths Complete Revision and Practice - Higher' by CGP</li> <li>'KS3 Maths Revision Guide: Foundation Level' by CGP</li> <li>'KS3 Maths Revision Guide: Higher Level' by CGP</li> </ul>
120° Obtuse angle	<ul> <li>'KS3 Maths: Year 7 Workbook' by Collins</li> <li>'KS3 Maths: Year 8 Workbook' by Collins</li> <li>'KS3 Maths: Year 9 Workbook' by Collins</li> <li>'KS3 Maths Foundation Level: Complete Revision and Practice' by Collins</li> </ul>
$=\frac{3}{4}$ $\alpha^2 + \beta^2 = C^2$	<ul> <li>'KS3 Maths Higher Level: Complete Revision and Practice' by Collins</li> <li>'KS3 Maths Foundation Level Revision Guide' by Collins</li> <li>'KS3 Maths Higher Level Revision Guide' by Collins</li> <li>'30-Second Maths: The 50 Most Mind-Expanding Theories in Mathematics' by</li> </ul>
(A = b × b)	Richard J. Brown • '50 Maths Ideas You Really Need to Know' by Tony Crilly • 'Why Do Buses Come in Threes?: The Hidden Mathematics of Everyday Life' by Rob
%	<ul> <li>Eastaway</li> <li>'What's the Point of Maths?' by DK</li> <li>'Weird Maths: At the Edge of Infinity and Beyond' by David Darling</li> <li>'Weirder Maths: At the Edge of the Possible' by David Darling</li> <li>'Weirdest Maths: At the Frontiers of Reason' by David Darling</li> </ul>
green to pink 5:2 pink to green 2:5	<ul> <li>'Things to Make and Do in the Fourth Dimension' by Matt Parker</li> <li>'Ten Equations that Rule the World' by David Sumpter</li> <li>'Alex's Adventures in Numberland' by Alex Bellos</li> <li>'Everything You Need to Ace Maths in One Big Fat Notebook' by Workman</li> </ul>
Probability Probab	<ul> <li>Publishing</li> <li>'How Many Socks Make a Pair' by Rob Eastaway</li> <li>'Humble Pi: A Comedy of Maths Errors' by Matt Parker</li> <li>'The Simpsons and Their Mathematical Secrets' by Simon Singh</li> <li>'Seventeen Equations that Changed the World' by Ian Stewart</li> </ul>
	<ul> <li>'Maths on the Back of an Envelope' by Rob Eastaway</li> <li>'The Maths of Life and Death' by Kit Yates</li> </ul>