

Most Able

Subject: Maths

What can students do to further develop their skills in this subject area?	
KS3	<ul style="list-style-type: none">• Attend the Sparx afterschool club to complete independent learning tasks• Take a leading role in learning in lessons – contribute ideas and think critically about what you read and learn• Learning journeys describe what is coming up next – research and get ahead of the work to gain an advantage• Get involved with STEM activities when they are made available
KS4	<ul style="list-style-type: none">• Volunteer to help at the Sparx afterschool club to mentor younger students• Take a leading role in learning in lessons – contribute ideas and think critically about what you read and learn• Learning journeys describe what is coming up next – research and get ahead of the work to gain an advantage• Attend afterschool revision sessions• Use assessment QLAs to revise and consolidate learning
What websites could students visit to support the curriculum?	
KS3	www.sparxmaths.com plus the sites listed below...
KS4	www.onmaths.com www.tutorful.co.uk www.mathedup.co.uk www.daydreameducation.co.uk www.irevise.com www.examsolutions.net www.mathsgenie.co.uk www.gcsemathspastpapers.com www.brainscape.com www.mathpapa.com/algebra-calculator www.cram.com www.justmaths.co.uk
How can parents/carers help and what can be done at home?	
KS3	<ul style="list-style-type: none">• Work through your child's Sparx homework with them• Encourage your child to complete the extra tasks available on Sparx• Ask questions about the content of maths lessons and ask your child to explain methods to you.• Take opportunities to ask 'What would happen if...?' questions or present brainteasers to encourage your child to be inquisitive and seek out answers.• Visit places of mathematical interest – for example Bletchley Park, Bank of England museum or The Royal Observatory• Talk to the older generation at home about how maths has changed over the years and discuss other methods for solving problems
KS4	<ul style="list-style-type: none">• Help your child revise and discuss their QLA with them• Make a revision timetable and help them work through the tasks• Ask questions about the content of maths lessons and ask your child to explain methods to you.• Take opportunities to ask 'What would happen if...?' questions or present brainteasers to encourage your child to be inquisitive and seek out answers.

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