

Subject	Year 11 Threshold Concepts – Spring Term	How to support students' learning
Mathematics	<u>Statistics & Probability</u> • Charts • Scatter graphs • Averages from a table • Histograms • Cumulative frequency • Probability • Tree diagrams • Venn diagrams <u>Algebra</u> • Quadratics • Inequalities • Straight line graphs • Sketching quadratic and cubic graphs • Transformations of graphs • Quadratic inequalities • Area under graphs • Cubic graphs	• Encourage Regular Revision: Help your child set a realistic study timetable that includes short, consistent revision sessions. Encourage them to review class notes and practice questions regularly, rather than cramming before exams. • Discuss Real-Life Applications: Talk about how maths is used in everyday life (e.g. budgeting, shopping discounts, cooking measurements, planning journeys) to help students see its relevance and usefulness. • Use Online Resources: Direct your child to reputable maths websites (e.g. Corbett Maths, Dr Frost Maths, BBC Bitesize) for video tutorials, practice questions and revision resources. • Practice Past Papers: Encourage your child to complete past exam papers under timed conditions. Discuss your answers afterwards and help them identify areas they need to revisit. • Support Homework Routines: Provide a quiet space and regular time for completing maths homework. Check in to see that homework is being completed and encourage them to ask their teacher for help if they're stuck. • Monitor Calculator Skills: Make sure your child is confident using a scientific calculator and encourage them to practise using it effectively.

