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| **Subject** | **Year 11 Threshold Concepts – Spring Term** | **How to support students’ learning** |
| Mathematics | **Statistics & Probability**   * Charts * Scatter graphs * Averages from a table * Histograms * Cumulative frequency * Probability * Tree diagrams * Venn diagrams   **Algebra**   * 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. |