Subject: Mathematics Edexcel **Year: 10**			Recommended revision guides support and study materials.
Term 1 **Foundation Topics covered:** • Statistics and sampling • The averages • Perimeter and area • 3D forms and volume • Real-life graphs • Straight-line graphs **Higher Topics covered:** • Perimeter, area and circles • Accuracy and bounds • Collecting data • Cumulative frequency, box plots and histograms • Circle theorems • Circle geometry	Term 2 **Foundation Topics covered:** • Transformations I: translations, rotations and reflections • Transformations II: enlargements and combinations • Ratio • Proportion • Right-angled triangles: Pythagoras and trigonometry • Probability I • Probability II **Higher Topics covered:** • Probability • Multiplicative reasoning • Similarity and congruence in 2D and 3D • Graphs of trigonometric functions • Further trigonometry • 3D forms and volume, cylinders, cones and spheres	Term 3 **Foundation Topics covered:** • Multiplicative reasoning • Plans and elevations • Constructions, loci and bearings • Quadratic equations: expanding and factorising • Quadratic equations: graphs • Circles, cylinders, cones and spheres **Higher Topics covered:** • Transformations • Constructions, loci and bearings • Solving quadratic and simultaneous equations • Inequalities • Quadratics, expanding more than two brackets, sketching graphs, graphs of circles, cubes and quadratics	• BBC GCSE Bitesize • Method Maths (www.methodmaths.com) • Mymaths (www.mymaths.co.uk) • Hegarty Maths – www.hegartymaths.co.uk • Revision guides will be provided in year 10 & 11 but we follow the Edexcel scheme of work if you wish to purchase these guides earlier. • CGP Website is also good to purchase revision materials. https://www.cgpbooks.co.uk/Parent/books_gcse_maths
Homework: Students will be set one piece of homework per week (up to 30 minutes) including revision homework (up to 1 hour) prior to the half term assessment. After each assessment students will be asked to act upon their feedback and complete personalised set tasks on Mymaths (www.mymaths.co.uk)	Homework: Students will be set one piece of homework per week (up to 30 minutes) including revision homework (up to 1 hour) prior to the half term assessment. After each assessment students will be asked to act upon their feedback and complete personalised set tasks on Mymaths (www.mymaths.co.uk)	Homework: Students will be set one piece of homework per week (up to 30 minutes) including revision homework (up to 1 hour) prior to the half term assessment. After each assessment students will be asked to act upon their feedback and complete personalised set tasks on Mymaths (www.mymaths.co.uk)	

Subject: Mathematics Edexcel **Year: 11**			Recommended revision guides support and study materials.
Term 1 **Foundation Topics covered:** • Pythagoras • Revision Programme **Higher Topics covered:** • Solve quadratics equations, simultaneous equations, equations of circles • Pythagoras in 3D • Trigonometry • Transformations of graphs • Vectors	Term 2 **Foundation Topics covered:** • Revision programme **Higher Topics covered:** • Algebraic proof • Revision Programme	Term 3 **Foundation Topics covered:** • Revision programme **Higher Topics covered:** • Revision programme	• BBC GCSE Bitesize • Method Maths (www.methodmaths.com) • Mymaths (www.mymaths.co.uk) • Hegarty Maths – www.hegartymaths.co.uk • Revision guides will be provided in year 10 & 11 . • CGP Website is also good to purchase revision materials. • https://www.cgpbooks.co.uk/Parent/books_gcse_maths • Study hub is available with Maths staff during the week if extra help is needed.
Homework: Students will be set one piece of homework per week (up to 30 minutes) including revision homework (up to 1 hour) prior to the half term assessment. After each assessment students will be asked to act upon their feedback and complete personalised set tasks in the revision work books	Homework: Students will be set one piece of homework per week (up to 30 minutes) including revision homework (up to 1 hour) prior to the half term assessment. After each assessment students will be asked to act upon their feedback and complete personalised set tasks in the revision work books	Homework: Students will be set one piece of homework per week (up to 30 minutes) including revision homework (up to 1 hour) prior to the half term assessment. After each assessment students will be asked to act upon their feedback and complete personalised set tasks in the revision work books	