

Term: One
Year group: 11
Subject: Maths
Topic: ALL Topics

Maths 'Home Learning'



This task menu shows the 5 home learning activities given throughout the term. Each homework will put on SMH. As part of our enrichment programme, students will need to ensure their Independent Revision sessions encompass ALL these areas.

Home learning	Instructions	Support strategies
Number	Using the information given during lessons to ensure you can work through identified problems involving; factors, primes, LCM & HCF, fractions, percentages, standard form, bounds, error of accuracy, calculator skills, surds	<ul style="list-style-type: none">- Revisit exemplars shown- Utilise online resources such as; MathsGenie, Bicen Maths etc- Model answers to help you with structure- Identify Difficult Questions and bring to your teacher for modelling- Classwork to be revisited- Use PPE QLAs, to address identified weaknesses- BBC bitesize and other Internet Maths resources
Algebra	Recap and embed the information given during lessons to ensure you can work through identified problems involving; expanding factorising, like terms, formulae, linear equations, quadratic, iteration, changing the subject, iteration, functions.	
Ratio & Proportion	Consolidate the information given during lessons to ensure you can work through identified problems involving; ratio, percentage & reverse percentages, proportionality, growth & decay, speed, density, pressure	
Geometry & Measure	Consolidate the information given during lessons to ensure you can work through identified problems involving; angles, trigonometry, Pythagoras' Theorem, area, volume, surface area, 2D & 3D shapes, similar shapes, Cosine & Sine Rules, loci, bearings, and transformations of graphs.	
Probability & Statistics	Using the information given during lessons to ensure you can work through identified problems involving; averages, interquartile range, CFG, box-plots, histograms, Venn diagrams, conditional probability, tree diagrams, frequency tables.	