

Year Group: 11 Foundation

Time	Autumn Term		Spring Term	Summer Term
Period				
Content	 Linear equations Quadratic graphs Linear sequences Percentages and simple interest Ratio and proportion Angles Averages from table Fractions/decimals/percentag es 	 Pythagoras's theorem and Trigonometry Bearings Laws of indices Transformations Standard form Volume and surface area of prisms Probability and Venn diagram 	Revision of key topics/content. Revision will be carried out on topics highlighted as weaker areas in mock exams and homework, along with reinforcement of key skills and key formulae required to solve exam style questions successfully. The more detailed sequence of topics will be updated in the second half of the Autumn term. This will be shared with the students.	Revision of key topics/content. Revision will be carried out on topics highlighted as weaker areas in mock exams and homework, along with reinforcement of key skills and key formulae required to solve exam style questions successfully. The more detailed sequence of topics will be updated in the second half of the spring term. This will be shared with the students.
Skills	Number			
	Numberperform the four operations with fractions and mixed numbers, calculate afraction of an amount,work with percentages (percentage of an amount, reverse percentages,percentage change and simple interest, etc)convert between fractions, decimals and percentages,know and use laws of indices/powersRatio, proportion and rates of changeSolve problems on inverse proportion, problems related to recipes, currencyexchange and 'value for money', use the unitary method to solve problems onratio and proportion, share an amount in a ratioWork with large and small numbers using standard form.Algebrasolve linear equations (incl ones with brackets and unknown on both sides),derive expressions and equations using given information, draw linear andquadratic graphs using a table of values, identify the roots and turning point ofa quadratic graph, work with linear sequencesGeometry and Measureswork out the volume of prisms, work out the surface area of prisms and nonprismssolve problems in right-angled triangles using Pythatgoras's theorem andTrigonometrycalculate and measure bearings, describe transformationsStatistics and probabilityCalculate probabilityCalculate probability using of statistical diagrams			
	Mock exam 1		Mock exam 2	Final GCSE (public exams start 6 th of May 2024)
Assessment week and content	Exam window 16 th of October – 3 rd of Students will be assessed using past e calculator) Students should be prepared to answ maths specification The INCLASS mocks (approximately 1)	November 2023 exam papers (1 x non-calculator and 1 x er questions from the whole of the GCSE x a month) will be incorporated in the	Exam window 29 th of January – 9 th of February 2024 Students will be assessed using past exam papers – full set (1 x non-calculator and 1 x calculator) Students should be prepared to answer questions from the whole of the GCSE maths specification The INCLASS mocks will be incorporated in the lessons	Students will sit three 90 minutes papers 1x Non-calculator 2x Calculator The INCLASS mocks will be incorporated in the lessons
	iessons starting after the November N	VIOCK.	Grow and Succeed	(approximately 1x a month).

- Grow and Succeed -

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