

Learning Programme – Mathematics – 1st Year

Topic/ Content	Objectives/Skills	Homework	Assessment	Success Criteria (for E/S/D at KS3)	Stretch & Challenge (Thirst for Learning)
	Michaelmas Second Half Term				
<ul style="list-style-type: none"> • Ratio simplify and divide a quantity by given ratio (part 1) • Finding and recognising factors, multiples and primes • Finding HCF and LCM • Drawing factor trees • Venn diagrams to illustrate prime factor decomposition • Use and interpret algebraic notation • Forming simple expressions • Simplifying Expressions • Algebraic substitution • Expanding single brackets 		<p>Students will be set regular homework that is either teacher marked, peer marked, self-marked or computer marked.</p>	<p>Half Term Test (two weeks before Christmas holiday)</p> <p>Two to three teacher marked pieces of homework will be set each half-term.</p>	<p>Mainly determined from Half-Term test, however, class work & homework may also be used.</p> <p>Grade boundaries for E, S & D dependent on overall scores across the year group.</p>	<p>Students will be challenged using extension questions on the topics they are studying, designed to develop their ability to solve multi-staged problems.</p>