

# Year 11 Foundation SOW 2019-20

SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
<b>Weeks 2 – 3</b> <b>Quadratic Equations &amp; Graphs - Factorise quadratics</b> Solve quadratic equations by factorising, show algebraic expressions are equal, plot quadratic graphs, identify roots, intercepts & turning points.		<b>Weeks 4 – 8</b> <b>Unit 17 Perimeter, Area &amp; Volume 2</b> Identify circle properties, area and perimeter of 2D shapes inc. circles semi circles, sectors and compound shapes, surface area & volume of 3D shapes inc. cylinders, pyramids, cones and spheres, volume of composite solids.		Half Term Holiday	<b>Weeks 10 - 12</b> <b>Revision for Mock Exams.</b>	<b>Weeks 13 – 14</b> <b>Mock Exams</b>	<b>Weeks 15 - 16</b> <b>Unit 18 Fractions and Indices</b> Multiplying and dividing fractions, Laws of indices, large and small numbers in standard form, calculating with standard form.
DECEMBER	JANUARY		FEBRUARY			MARCH	
<b>Christmas Holiday</b>	<b>Weeks 19 - 22</b> <b>Unit 19 Congruence, Similarity and Vectors</b> Similarity and enlargement inc. problem solving with angles, congruence inc. problem solving, adding, subtracting and multiplying column vectors, using diagrams to show vectors		<b>Week 23-24</b> <b>Unit 20 Non-Linear Graphs</b> Draw and interpret graphs of non-linear functions inc. quadratic and cubic, solve simultaneous equations graphically, re-arranging formulae, simple algebraic proof.		Half Term Holiday	<b>Weeks 26 - 30</b> <b>Revision</b>	
APRIL		MAY		JUNE			
<b>Week 31</b> <b>Revision</b>	<b>Easter Holiday</b>	<b>Week 34 - 36</b> <b>Targeted Revision Groups</b>		<b>Week 37 - 38</b> <b>Start of GCSE Exams</b>	Half Term Holiday	<b>Weeks 40 - 42</b> <b>GCSE Exams</b>	

