MONTSAYE MATHEMATICS HOME LEARNING SUPPORT Year 11 Higher

You currently need to do your learning from home. There is a range of resources ready for you to use on the topics you have been studying in your **Maths** lessons. The tables below contain links to the relevant topics on MathsWatch website with the relevant support videos.

- Work out which term we are in by checking the date.
- Log onto MathsWatch using your first four letters of your first name, the first four letters of your second name, followed by @montsaye. Your password is you date of birth like this DD/MM/YYYY
  Eg: Isaac Newton would be INewton, born on 4th January 1643 would be – Username: isaanewt@montsaye, password: 04/01/1643
- Find out which lesson you are on and watch the video that goes with that lesson. Complete the tasks for the lesson.
- *If you need to email your teacher type their initial and surname* + ***@montsaye.northants.sch.uk*** **msmith/ msipple / jellis / gurwin / shoche / rpierce / gbaria / jmayers / tgrowcock / lfernandez**

	Term 1: *Sep-Oct*		Term 2: *Nov-Dec*		Term 3: *Jan- Feb*		Term 4: *Feb-Mar*		Term 5: *Apr-May*		Term 6: *Jun-Jul*	
Year 11 Higher 11x1 11x2 11y1 11y2	8.1	Probability Experiments	11.1	Circles 1	14.1	Equation of a Line	17.1	Calculating with Roots and Indices	20.1	Sets		
	8.2	Theoretical Probability	11.2	Circles 2	14.2	Linear and Quadratic Functio	17.2	Exact Calculations	20.2	Probability Spaces		
	8.3	Mutually Exclusive Events	11.3	Circle Theorems	14.3	Properties of Quadratic Functio	17.3	Standard Form	20.3	Tree Diagrams		
	9.1	Estimation and Approximation	11.4	Constructions and Loci	14.4	Kinematic Graphs	18.1	Cubic and Reciprocal Functions	20.4	Conditional Probability		
	9.2	Calculator Methdc	12.1	Proportion	15.1	3D Shapes	18.2	Exponential and Trigonometric Functions	21.1	Linear Sequences		
	10.1	Solve Linear Equations	12.2	Ratio and Scales	15.2	Volume of a Prism	18.3	Real-Life Graphs	21.2	Quadratic Sequences		
	10.2	Quadratic Equatio	12.3	Percentage Chang	15.3	Volume and Surfac Area	18.4	Gradients and Are under Graphs	21.3	Special Sequences		
	10.3	Simultaneous Equations	13.1	Factors and Multiples	16.1	Averages and Spread	18.5	Equation of a Circl	22.1	Compound Units		
	10.4	Approximate Solutions	13.2	Powers and Roots	16.2	Box Plots and Cumulative Frequency	19.1	Pythagoras	22.2	Converting Betwe Units		
	10.5	Inequalities	13.3	Surds	16.3	Scatter Graphs	19.2	Trigonometry 1	22.3	Direct and Inverse Proportion		
					16.4	Time Series	19.3	Trigonometry 2	22.4	Rates of Change		
							19.4	Trigonometry Problems	22.5	Growth and Decay		
							19.5	Vectors				