



QPHS Year 7 Maths Curriculum Map

Half term	Title	Unit summary	Assessment
1	U1 – Place Value	Students will learn and consolidate the basic number skills needed to be successful in maths: <ul style="list-style-type: none"> • Understanding place value and decimals • Completing calculations with integers and decimals involving the four operations 	Application of knowledge and skills from the first 3 units of work through assessment (ALA 1) : <ul style="list-style-type: none"> • Place value • Adding and subtracting • Decimals
	U2 – Add and Subtract		
	U3 -Decimals		
	U4 – Multiply and divide		
2	U4 Continued	<ul style="list-style-type: none"> • Completing calculations with integers and decimals involving the four operations • Calculations involving brackets and index notation 	Application of knowledge and skills from the first 5 units of work through cumulative assessment (ALA 2): <ul style="list-style-type: none"> • Multiply and dividing integers and decimals • Calculations using ‘order of operations’
	U5 – Order of operations		
3	U6 – Positive and negative numbers	<ul style="list-style-type: none"> • Calculations with positive and negative numbers 	Application of knowledge and skills from the first 7 units of work through cumulative assessment (ALA 3): <ul style="list-style-type: none"> • Calculations using positive and negative numbers • Basic algebra skills
	U7 – Introduction to Algebra	<ul style="list-style-type: none"> • Basic algebra skills: using brackets/collecting like terms/factorising 	
4	U8 – Fractions and fractions of amounts	<ul style="list-style-type: none"> • Working with equivalent fractions and converting between fractions, decimals and percentages • Finding fractions of an amounts 	Application of knowledge and skills from the first 10 units of work through cumulative assessment (ALA 4): <ul style="list-style-type: none"> • All work on fractions • Calculations with percentages
	U9 – Four operations with fractions	<ul style="list-style-type: none"> • Calculations involving Four operations with fractions • Simplifying answers • Problem solving using fractions 	
5	U10 - Percentages	<ul style="list-style-type: none"> • Finding percentage of amounts • Increasing and decreasing amounts by a percentage 	
	U11 - Ratio	<ul style="list-style-type: none"> • Use ratio notation • Understand link between fractions and ratio • Dividing amounts in given ratio 	
6	U12 - Angles	<ul style="list-style-type: none"> • Estimating, measuring and drawing angles • Use basic angle facts 	Application of knowledge and skills from the all units of work through END OF YEAR cumulative assessment to assess all work covered during the year.
	U13 – Transformations	<ul style="list-style-type: none"> • Translate, reflect and rotate shapes • Understand line and rotation symmetry 	