Unit A

YEAR 8: ASSESSING PERSONAL PROGRESS

APP Sheet

UNIT A TEST:

Colour the column green if you can do it in class, orange if you can do some, red if you feel you cannot understand any.
The codes are for **GCSE section on** www.mathswatchvle.com (collect username and password from your teacher).

Objective		**Objective**	
I can understand powers	29	I can calculate the area of a parallelograms & rhombus.	55
I know what BODMAS stands for	75	I can calculate the area trapeziums and kites.	56
I can use BODMAS to work out the answer to a sum	75	I can calculate the area of a circle.	117
I can simplify algebra (add and subtract)	33	I can solve problems using area.	BOP
I can simplify algebra (multiply)	34	I can calculate the area of compound shapes.	53
I can simplify algebra (divide)	35	I can work out the volume of a cube & cuboid.	115
I can write algebraic expressions	137	I can solve volume problems (cubes & cuboids).	115
I can solve equations	135	I can calculate the surface area of cubes, cuboids and shapes made up from these.	114
I can continue sequences	37	I can calculate the mean, median, mode and range.	62
I can work out the nth term of a sequence and use it to generate terms in a sequence.	102 103	I can put data into a stem-and-leaf diagram.	BOP
I can calculate the perimeter of a shape.	52	I can calculate the median & range from a stem-and-leaf diagram.	BOP
I can calculate the area of a squares & rectangles	53	I can draw a box-and-whisker diagram.	187

Unit B

YEAR 8: ASSESSING PERSONAL PROGRESS

APP Sheet

UNIT B TEST:

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The codes are for the **GCSE section on** www.mathswatchvle.com

I can order positive & negative numbers.	2	I can enlarge a shape.	148
I can add and subtract positive & negative numbers	68	I can enlarge a shape through a centre of enlargement.	148
I can multiply & divide positive & negative numbers.	68	I can calculate the mean & mode for a set of data.	62
I can write a number as a product of its prime factors.	78	I can calculate the mean for a frequency table.	130
I can use a Venn Diagram to find the Highest Common Factor of two numbers.	BOP	I can find the modal class for a grouped frequency table.	130
I can use a Venn Diagram to find the Lowest Common Multiple of two numbers.	BOP	I can draw a frequency diagram for a set of continuous data.	65
I can work backwards to find the right number to put into a function machine.	36	I can draw & read information from a bar chart.	15
I can solve equations.	135	I can draw & read info from a multiple bar chart.	BOP
I can reflect a shape.	48	I can draw & read info from a compound bar chart.	BOP
I can rotate a shape.	49	I can draw & read information from a bar-line graph.	BOP
I can translate a shape.	50	I can draw and interpret population pyramids	BOP

Unit C

YEAR 8: ASSESSING PERSONAL PROGRESS

APP Sheet

UNIT C TEST:

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The codes are for the **GCSE section on** www.mathswatchvle.com

I can match equivalent fractions.	25	I can calculate a missing angle in a triangle.	121
I can simplify fractions.	26	I can recall angle facts for isosceles and equilateral triangles.	9 122
I can add & subtract fractions with the same denominator.	71	I can recognise vertically opposite angles and know that they are _____	120
I can add & subtract fractions with different denominators.	71	I can recognise corresponding angles (and can remember the name).	120
I can multiply fractions by an integer.	73	I can recognise alternate angles (and can remember the name).	120
I can multiply two fractions.	73	I can recognise (and name) allied angles.	120
I can divide an integer by a fraction.	74	I know angles in a quadrilateral sum to _____	BOP
I can divide a fraction by a fraction.	74	I know that complementary angles sum to _____	BOP
I can calculate a fraction of an amount.	72	I know that supplementary angles sum to _____	BOP
I can plot co-ordinates	8	I can read information from a pie chart.	128
I can calculate a missing angle at a point.	45	I can draw a pie chart.	128

Unit D

YEAR 8: ASSESSING PERSONAL PROGRESS

APP Sheet

UNIT D TEST:

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The codes are for the **GCSE section on** www.mathswatchvle.com

I can round numbers to the nearest integer, 10, 100 etc.	31	I can find the n^{th} term of a sequence.	103
I can round numbers to 1 or 2 decimal places.	32	I can use the n^{th} term to work out a number in the sequence.	102
I can round numbers to 1 or 2 significant figures.	90	I can draw the graph of a sequence.	BOP
I can x and ÷ numbers by 10, 100 etc.	30	I can measure and use bearings	124
I can simplify ratios even when there are two different units.	38	I can draw a scatter graph.	129
I can share an amount in a given ratio.	106	I know when a scatter graph shows positive or negative correlation.	129
I can solve word problems with ratios in.	107	I can draw a line of best fit.	129

Unit E

YEAR 8: ASSESSING PERSONAL PROGRESS

APP Sheet

UNIT E TEST:

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The codes are for the **GCSE section on** www.mathswatchvle.com

I can work out a fraction of an amount.	72	I know which graphs will be parallel by looking at their equations.	159
I can use division to change fractions to decimals.	84	I know where a graph will cross the y axis, by looking at their equations.	159
I can calculate the best buys/ value for money	41	I can draw graphs like y = 5 and x = -3.	KS3 A5
I can solve word problems.	22 42	I can find the mid-point between two co-ordinates.	133
I can fill in an x-y table.	96 95	I can draw and read information from distance- time graphs.	143
I can draw a straight line graph.	96	I can sketch and read information from displacement-time graphs.	BOP
I know which equations will have a straight line graph.	BOP	I can draw and use conversion graphs.	107

Unit F

YEAR 8: ASSESSING PERSONAL PROGRESS

APP Sheet

UNIT F TEST:

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The codes are for the **GCSE section on** www.mathswatchvle.com

I can change between fractions and decimals.	84	I know 1 litre = _____ cm^3.	112
I can change between fractions and recurring decimals.	BOP	I know 1 millilitre = _____ cm^3.	112
I can change between fractions and percentages.	85	I know 1 m^3 = _____ litres.	112
I can change between decimals and percentages.	85	I understand the words; event, theory, sample, sample space, outcome, biased and fair.	14
I can write a number in standard form	83	I can work out the probability of an event happening or not happening.	59
I can change a number from standard form	83	I can list all the outcomes from 1 or 2 events.	58
I can use BODMAS.	75	I can draw possibility spaces	126
I can understand substitution.	95	I can use a possibility space diagram to calculate probability	90
I can change between mm, cm, m and km.	112	I can draw cumulative frequency diagrams.	186
I can change between g and kg.	112	I can draw a box plot.	187
I can change between ml, cl and l.	112	I can draw a frequency polygon	65