



Arnold Hill Academy: Connect Curriculum HT4 Y7

You will need to know which teacher is Teacher A and which is Teacher B. You will also need to know where you are up to with your lessons.

Teacher	Topic Theme	Key Questions	Connect Curriculum Task
A	Area 1	Be able to calculate area of rectangles and estimate area.	https://classroom.thenational.academy/lessons/exploring-rectangles-69k64d
A	Area 2	To calculate the area of triangles.	https://classroom.thenational.academy/lessons/area-of-triangles-6cwkar
A	Area 3	To calculate the area of Parallelograms	https://classroom.thenational.academy/lessons/area-of-parallelograms-6wup2e
A	Area 4	To solve problems involving area & perimeter.	HegartyMaths clips 553-559
A	Area 5	Mini test and boost	Contact your teacher for your mini test to complete
A	Equations 1	Be able to establish a missing number.	https://classroom.thenational.academy/lessons/solving-one-step-equations-chk32d





A	Equations 2	Be able to solve 1 step equations in a variety of contexts.	https://classroom.thenational.academy/lessons/solving-two-step-equations-60tk8d
A	Equations 3	Be able to solve 2 step equations in a variety of contexts.	https://classroom.thenational.academy/lessons/solving-two-step-equations-60tk8d
A	Equations 4	To be able to form and solve an equation from a given situation and solve it.	https://classroom.thenational.academy/lessons/forming-and-solving-linear-equations-1-cvkcrcr https://classroom.thenational.academy/lessons/forming-and-solving-linear-equations-part-2-70u68d https://classroom.thenational.academy/lessons/forming-and-solving-equations-from-descriptions-70wkct
A	Equations 5	Mini test and boost	Contact your teacher for your mini test to complete
B	Algebraic convention 1	Understand algebraic notation and explain the meaning of expressions	https://classroom.thenational.academy/lessons/algebraic-expressions-71gp2t https://classroom.thenational.academy/lessons/expressions-and-variables-ccrk6d
B	Algebraic convention 2	Know the difference between expressions, equations, identities & Formula.	https://classroom.thenational.academy/lessons/equations-and-identities-c8vk6t





B	Algebraic convention 3	Be able to write an algebraic expression from a given situation.	https://classroom.thenational.academy/lessons/forming-and-exploring-equation-s-70r3gr
B	Algebraic convention 4	Be able to simplify algebraic expressions.	https://classroom.thenational.academy/lessons/collecting-like-terms-6tgk8r https://classroom.thenational.academy/lessons/perimeter-expressions-6mv3jt https://nrich.maths.org/perimeterexpressions
B	Algebraic convention 5	Mini test and boost	Contact your teacher for your mini test to complete
B	Substitution 1	Be able to substitute into algebraic expressions and formulas.	https://classroom.thenational.academy/lessons/substitute-a-positive-term-into-a-formula-cdgkge
B	Substitution 2	Be able to substitute into expressions & formulae where the input is not a positive integer.	https://classroom.thenational.academy/lessons/substitute-a-negative-term-into-a-formula-75j3cc
B	Substitution 3	To be able to substitute into expressions & formulae for a variety of contexts.	HegartyMaths clips 278-279
B	Substitution 4	Mini test and boost	Contact your teacher for your mini test to complete





	CHECKPOINT LESSON	Be able to revise and show retention of previous topics.	Contact your teacher for the Checkpoint to complete
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