

Alveley Maths Challenge Overview



Bronze Challenge – Objectives from Year 1

Challenge	Objective
Bronze 1	I can add up to 5
Bronze 2	I know subtraction facts for each number up to 5
Bronze 3	I know addition facts for each number up to 10
Bronze 4	I know subtraction facts for each number up to 10
Bronze 5	I know pairs of numbers with a total of 10
Bronze 6	I know number bonds to 10
Bronze 7	I know addition facts up to 20
Bronze 8	I can add a single digit to a multiple of 10
Bronze 9	I can subtract a single digit from a two-digit number
Bronze 10	I can add multiples of 10
Bronze 11	To double single digits up to a total of 10
Bronze 12	To double single digit numbers up to a total of 20
Bronze 13	To count in multiples of 2
Bronze 14	To count in multiples of 5
Bronze 15	To count in multiples of 10
Bronze 16	To find one more or one less than a given number
Bronze 17	To double multiples of 10 up to a total of 100
Bronze 18	To count in multiples of 2, 5 and 10
Bronze 19	To read numbers up to 20
Bronze 20	To write numbers in words up to 20

Silver Challenge – Objectives from Year 2

Challenge	Objective
Silver 1	I can add a multiple of 10 to a two-digit number
Silver 2	I can subtract a multiple of 10 from a two-digit number
Silver 3	I can add three single digit numbers
Silver 4	I know multiplication facts for the 2x table
Silver 5	I know x facts for the 10- and 2-times tables
Silver 6	I know the multiplication facts for the 5 times table
Silver 7	I know double of numbers up to a total of 20
Silver 8	I know half of numbers up to a total of 20
Silver 9	I know the division facts for the 10- and 2-times table
Silver 10	I know subtraction facts up to 20
Silver 11	I know multiplication facts for the 2-, 5- and 10-times tables.
Silver 12	I know division facts for the 2-, 5- and 10-times tables.
Silver 13	I know multiplication and division facts for the 2-, 5- and 10-times tables.
Silver 14	I can add a multiple of 10 to a two-digit number
Silver 15	I can subtract a multiple of 10 to a two-digit number
Silver 16	I can add and subtract a multiple of 10 to or from a two-digit number
Silver 17	I know doubles of numbers up to 20
Silver 18	I know half of a number
Silver 19	I can add 2 two-digit numbers
Silver 20	I can subtract 2 two-digit numbers

Gold Challenge – Objectives from Year 3

Challenge	Objective
Gold 1	I know \times and \div facts for the $3\times$ table
Gold 2	I know \times and \div facts for the $4\times$ table
Gold 3	I can find complements to 100
Gold 4	I know \times facts for the $8\times$ table
Gold 5	I know the \times and \div facts for the $8\times$ table
Gold 6	I can add or subtract a single digit from a three-digit number
Gold 7	I can add or subtract a multiple of 10 from a three-digit number
Gold 8	I can add or subtract a multiple of 100 from a three-digit number
Gold 9	I can add and subtract fractions with the same denominator
Gold 10	I can round numbers written to 1 decimal place to the nearest whole number

Platinum Challenge – Objectives from Year 4

Challenge	Objective
Platinum 1	I know the \times facts for 6
Platinum 2	I know the \times facts for 7
Platinum 3	I can find \div facts for 6
Platinum 4	I can find \div facts for 7
Platinum 5	I know \times facts for 9
Platinum 6	I know the \div facts for 9
Platinum 7	I know \times facts for the $11\times$ table
Platinum 8	I know \times facts for the $12\times$ table
Platinum 9	I know the \div facts for the $11\times$ table
Platinum 10	I know the \div facts for the $12\times$ table

Diamond Challenge – Objectives from Year 5

Challenge	Objective
Diamond 1	I can add 2-digit numbers
Diamond 2	I can subtract 2-digit numbers
Diamond 3	I can use place value in multiplication
Diamond 4	I use place value in division
Diamond 5	I can find unit fractions of a number
Diamond 6	I know all \times facts up to 12×12
Diamond 7	I know \div facts for all \times tables
Diamond 8	I can round numbers written to 2 decimal places to the nearest whole number
Diamond 9	I can write a percentage as a fraction and vice versa
Diamond 10	I know square numbers up to 12×12 and related square roots

Pink Diamond – Objectives from Year 6

Challenge	Objective
Pink Diamond 1	I can find a quarter of a number
Pink Diamond 2	I can find 10%, 25% and 50% of numbers
Pink Diamond 3	I can calculate complements to 1000
Pink Diamond 4	I can calculate decimal complements to 10
Pink Diamond 5	I can multiply and divide by 10, 100 and 1000
Pink Diamond 6	I can convert percentages to decimals
Pink Diamond 7	I can find complements to 1
Pink Diamond 8	I can multiply decimals by a single digit
Pink Diamond 9	I can convert decimals into fractions
Pink Diamond 10	I can add and subtract using negative numbers

Blue Diamond Challenge – Greater Depth Y6 Challenges

Challenge	Objective
Blue Diamond 1	Coming soon!
Blue Diamond 2	Coming soon!
Blue Diamond 3	Coming soon!
Blue Diamond 4	Coming soon!
Blue Diamond 5	Coming soon!
Blue Diamond 6	Coming soon!
Blue Diamond 7	Coming soon!
Blue Diamond 8	Coming soon!
Blue Diamond 9	Coming soon!
Blue Diamond 10	Coming soon!