Year 3

Unit 1a

Number and Place Value

Represent 3-digit numbers on a number line

Count in steps of 50 and 100 from zero

Count up in steps of 10 from any 2 or 3-digit number

Count back in steps of 10 from any 3-digit number

Read 3-digit numbers in numerals and write in words

Read 3-digit numbers in words and write using numerals including zero as a place holder

Identify 3-digit numbers on a number line

Read 3-digit numbers in numerals and write in words, including zero as a place holder

Read 3-digit numbers in words and write using numerals including zero as a place holder

Represent 3-digit numbers

Recognise the value of digits in 3-digit numbers

Partition 3-digit numbers in different ways



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Name and describe 3D shapes

Make 3D shapes using modelling materials

Identify and draw perpendicular lines

Identify and draw parallel lines

Identify and draw vertical lines

Identify and draw horizontal lines

Draw common 2D shapes

Year 3

Unit 2

Geometry: Properties of Shapes



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Year 3

Unit 3

Multiplication and Division: Multiplication Tables

Build the 8x table and count in steps of 8 and multiples of 8 from zero

Recall and use multiplication facts for the 8 times table

Recall and use division facts for the 8 times table

Recall and use division facts for the 4 times table

Recall and use multiplication facts for the 4 times table

Build the 4x table and count in steps of 4 and multiples of 4 from zero

Recall and use division facts for the 3 times table

Recall and use multiplication facts for the 3 times table

Build the 3x table

Term 2

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Year 3

Unit 4

Addition and Subtraction: Mental Methods Addition

Add two 3-digit numbers using rounding to the nearest hundred and then compensating

Add two 3 digit numbers by partitoning and recombining (no regrouping)

Add two 2 digit numbers where the sum exceeds 100, choosing an efficient mental strategy

Add tens to three-digit numbers using number facts, where the hundreds don't change

Add tens to three-digit numbers using bridging

Add hundreds to three-digit numbers using number facts

Add 99 to three-digit numbers using rounding to the nearest hundred and then compensating

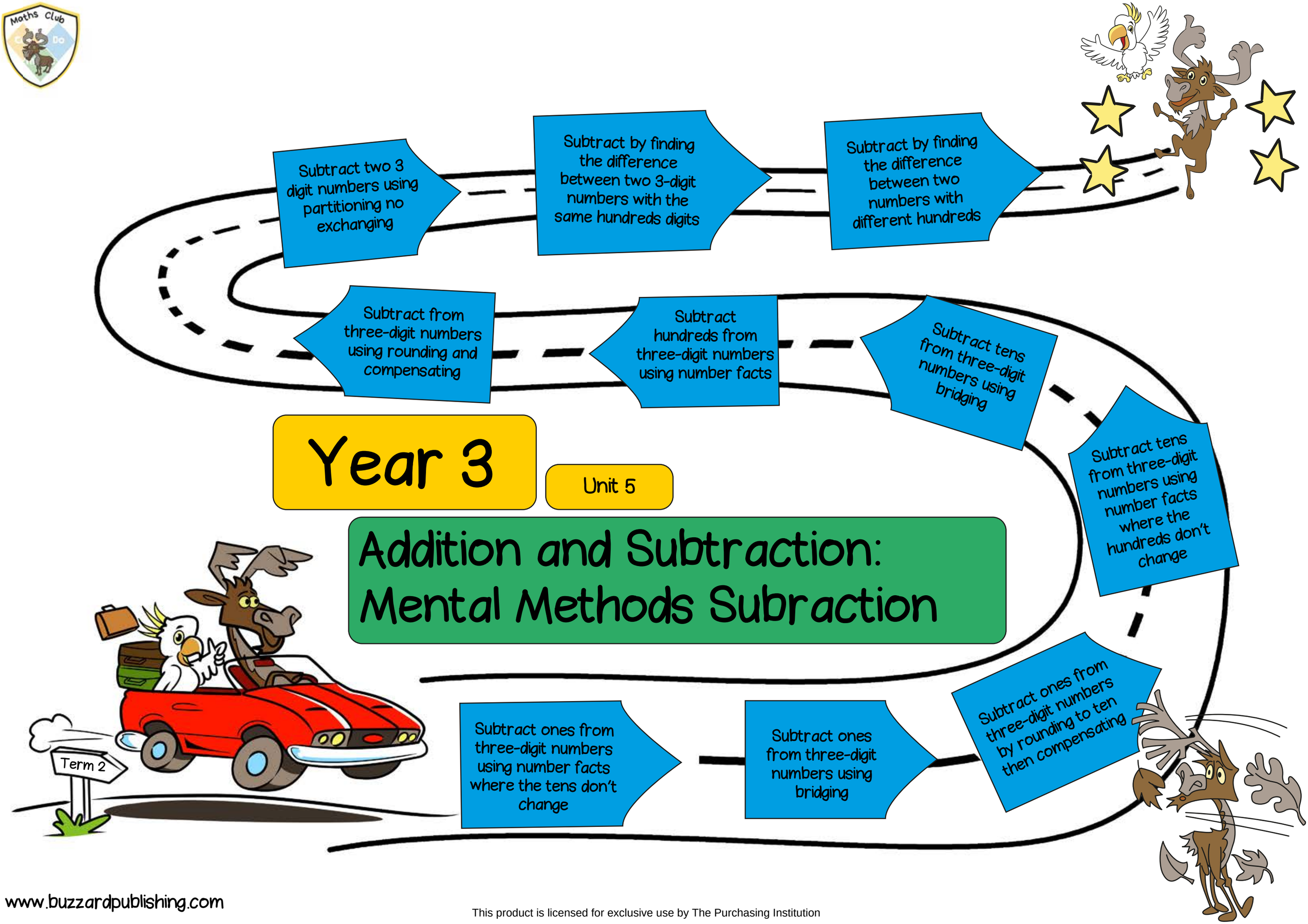
Add ones to three-digit numbers using number facts where the tens don't change

Add ones to three-digit numbers using bridging

Add ones to three-digit numbers by rounding to ten then compensating

Term 2

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Year 3

Unit 5

Addition and Subtraction: Mental Methods Subraction

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Year 3

Unit 6

Fractions

Recognise and represent unit fractions

Recognise and represent non-unit fractions

Compare two proper fractions which have the same denominator

Order a set of proper fractions which have the same denominator

Compare two unit fractions

Order a set of unit fractions

Compare two proper fractions which have the same numerator >1 (small denominator)

Order a set of proper fractions which have the same numerator >1 (small denominator)

Recognise and show equivalent proper fractions (denominators multiples of each other)



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Year 3

Unit 7

Addition and Subtraction: Written Methods Addition

Use column addition for 3-digit and 2-digit numbers when regrouping is required in the tens column

Use column addition for 3-digit and 2-digit numbers when regrouping is required in multiple columns

Use column addition for 3-digit and 2-digit numbers when regrouping is required in the ones column

Choose efficient methods to add numbers with up to 3-digits

Use column addition for two 3-digit numbers when regrouping is required in multiple columns

Use column addition for two 3-digit numbers when regrouping is required in the tens column

Use column addition for two 3-digit numbers when regrouping is required in the ones column



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Maths Club



Use column subtraction for 3-digit and 2-digit numbers when exchanging is required in the hundreds column

Use column subtraction for 3-digit and 2-digit numbers when exchanging is required in multiple columns

Choose efficient methods to subtract numbers with up to 3-digits

Use column subtraction for 3-digit and 2-digit numbers when exchanging is required in the tens column

Use column subtraction for 3-digit numbers when exchanging is required in multiple columns

Year 3

Unit 8

Addition and Subtraction: Written Methods Subtraction



Use column subtraction for 3-digit numbers when exchanging is required in the tens column

Use column subtraction for 3-digit numbers when exchanging is required in the hundreds column



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Year 3

Unit 9

Multiplication and Division Road Map

Divide a 3 digit multiple of ten by 10 using place value

Use known facts and place value when dividing mentally by 2, 3, 4, 5, and 8 e.g. 120 ÷ 4

Use partitioning to divide by a single digit number where the quotient is a teens number

Use multiplication or division to solve scaling or correspondence problems

Multiply 2 digit number by a 1 digit number using a formal written method (regroup ones)

Multiply 2 digit number by a 1 digit number using a formal written method (regroup tens)

Use efficient methods to multiply a two-digit number by a one-digit number

Divide near multiples by 2, 3, 4, 5, 8, 10 with remainders

Multiply 2 digit numbers by 10 using place value

Multiply 1 digit numbers by multiples of 10 using place value

Use the distributive law to multiply a teens number by a one-digit number

Use the distributive law to multiply a two-digit number by a one-digit number

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Year 3

Unit 10

Measurement: Money Road Map

Subtract pounds and pence from £10

Calculate change beyond £1

Subtract pounds and pence from £5

Subtract pence from £5

Subtract pence from £2

Add amounts in pounds and pence

Use combinations of coins to make amounts beyond £1

Add amounts in pence expressing the answer using £ and p (regrouping in the tens)



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Add fractions with the same denominator within one whole

Subtract fractions with the same denominator within one whole

Find non-unit fractions of an amount

Find non-unit fractions of a number of objects

Year 3

Unit 11

Fractions: Calculating



Find unit fractions of an amount

Find unit fractions of a number of objects



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Year 3

Unit 12

Measurement: Time

Read digital time and write using 'to' and 'past'

Compare times given in seconds, minutes and/or hours

Calculate the duration of events less than one hour

Calculate the duration of events more than one hour

Read analogue time and record using digital format

Draw the hands on a clock to show one minute intervals to the hour on an analogue clock

Tell the time to one minute intervals to the hour on an analogue clock

Draw the hands on a clock to show one minute intervals past the hour on an analogue

Tell the time to one minute intervals past the hour on an analogue clock

Sequence events using a.m. and p.m.

Read Roman numerals up to XII

Know the number of seconds in a minute and multiple minutes

Know the number of days in each month, year and leap year



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Year 3

Unit 13

Measurement: Length, Mass and Capacity

Add and subtract mass

Measure capacity

Compare capacity

Add and subtract capacities

Use scaling with measures

Find the perimeter of a 2-D shapes by measuring

Subtract lengths

Add lengths

Order lengths

Compare the length of two objects

Use a ruler to measure lengths in millimetres

Measure mass

Compare mass

Order mass

Term 6

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Year 3

Unit 14

Geometry: Properties of Shapes (Angles)

Recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn

Identify angles that are less than or greater than a right angle

Identify when a shape has a right angle

Identify a right angle as a quarter turn

Understand that angles are a feature of shapes

Understand that angle is a description of turn



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Interpret data in a table

Create a table to show data

Construct a bar chart

Interpret a bar chart

Year 3

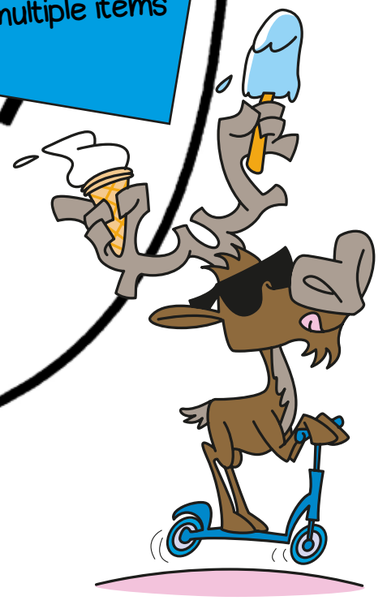
Unit 15

Statistics



Interpret a pictogram where the symbol represents multiple items

Construct a pictogram where the symbol represents multiple items



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