# Year 2

Unit 1

# Number and Place Value

Order 2-digit numbers with different tens from smallest to greatest

Order 2-digit numbers with the same tens from smallest to greatest

Order 2-digit numbers

Find 10 more than a given number

Find 10 less than a given number

Read 2-digit numbers in numerals and write in words

Read 2-digit numbers in words and write using numerals

Identify 2-digit numbers on a number line

Represent 2-digit numbers on a number line

Estimate numbers on a number line

Compare any two 2-digit numbers using < > and =

Represent 2-digit numbers

Recognise the value of digits in 2-digit numbers

Partition 2-digit numbers in different ways






This product is licensed for exclusive use by The Purchasing Institution

Maths Club



Identify and describe the properties of 3-D shapes including the number of edges

Identify and describe the properties of 3-D shapes including the number of faces

Identify and describe the properties of 3-D shapes including the number of vertices

Identify symmetry properties of 2-D shapes using vertical lines

# Year 2

Unit 2

# Geometry: Properties of Shapes




Identify and describe the properties of octagons

Identify and describe the properties of pentagons

Identify and describe the properties of hexagons





This product is licensed for exclusive use by The Purchasing Institution

# Year 2

Unit 3

# Addition and Subtraction: Addition



Add two 2-digit numbers using partitioning and recombining

Add two 2-digit numbers by rounding to the nearest ten then compensating

Add two 2-digiit numbers choosing an efficient strategy

Add three single digit numbers

Add ones to 2-digit numbers using bridging

Add ones to 2 digit numbers using number facts where the tens don't change

Use addition facts to 10 to derive facts to 100

Recall and use addition facts of single digit doubles

Recall and use addition facts of two single digits bridging 10

Show that addition is commutative




Add two 2-digit numbers by counting on in tens then 1s

Add multiples of ten to 2-digit numbers using number facts

Add ones to 2-digit numbers by rounding to ten then compensating

Add two 2-digit numbers using partitioning and recombining (No regrouping)





This product is licensed for exclusive use by The Purchasing Institution

# Year 2

Unit 4

# Addition and Subtraction: Subtraction



Subtract two 2 digit numbers by counting back in tens then 1 s

Subtract two 2 digit numbers by rounding to the nearest ten then compensating

Subtract by finding the difference between two numbers - counting on

Derive addition and subtraction facts using inverse operations

Use subtraction facts of 10 to subtract multiples of ten from 100

Recall subtraction facts of 2 digit number (20 or less) subtract a single digit bridging 10

Recall subtraction facts of 2 digit number (20 or less) subtract a single digit not bridging 10

Understand why subtraction is not commutative

Recall subtraction facts of two single digits within 10

Subtract ones from 2 digit numbers using number facts where the tens don't change

Subtract ones from 2 digit numbers using bridging

Subtract ones from 2 digit numbers by rounding to ten then compensating

Subtract multiples of ten from 2 digit numbers using number facts






This product is licensed for exclusive use by The Purchasing Institution



Compare and sort 2-D shapes and explain how they are similar or different

Compare and sort 3-D shapes and explain how they are similar or different

Identify and describe 2-D shapes on the surface of 3-D shapes

# Year 2

Unit 5

# Geometry: Properties of Shapes




Identify and describe the properties of cyclinders

Identify and describe the properties of cones





This product is licensed for exclusive use by The Purchasing Institution

# Year 2

Unit 6

# Multiplication and Division

Create division statements to describe and solve grouping problems

Create division statements to describe sharing and solve problems

Show that division is not commutative

Show and use the commutativity of multiplication

Use arrays to solve multiplication problems

Create multiplication statements to describe and solve equal grouping problems

Show and use the connection between multiplication and repeated addition

Count in steps of 3 from zero




www.buzzardpublishing.com

This product is licensed for exclusive use by The Purchasing Institution

# Year 2

Unit 7

# Geometry: Position and Direction

Interpret and devise instructions for following a simple route

Order combinations of mathematical objects in patterns and sequences

Understand and use the language of right angles to describe the size of a turn

Use mathematical language to describe direction of a turn, including meaning of clockwise and anti-clockwise

Use mathematical language to describe position




www.buzzardpublishing.com

This product is licensed for exclusive use by The Purchasing Institution



Build the 5x table and count in steps of 5 from zero

Recall and use multiplication facts for the 5 times table

Recall and use division facts for the 5 times table

Use factor, factor, product relationship to derive multplication and division statements

Recall and use division facts for the 10 times table

Recall and use multiplication facts for the 10 times table

Build the 10x table and count in steps of 10 from zero

Recognise and use odd and even numbers

Recall and use division facts for the 2 times table

Recall and use multiplication facts for the 2 times table

Build the 2x table and count in steps of 2 from zero






# Year 2

Unit 8

# Multiplication and Division: Multiplication Tables



This product is licensed for exclusive use by The Purchasing Institution

# Year 2

Unit 9

# Measurement: Length and Mass

Compare lengths using >, < and =

Order lengths

Measure heights (cm)

Estimate heights

Compare heights using >, < and =

Order the mass of objects

Compare the mass of objects using >, < and =

Estimate the mass of objects

Measure the mass of objects (g)

Measure the mass of objects (kg)

Read scales in divisions of fives and tens

Read scales in divisions of ones and twos

Measure lengths (cm)

Estimate lengths




www.buzzardpublishing.com

This product is licensed for exclusive use by The Purchasing Institution

# Year 2

Unit 10

# Fractions Road Map

Recognise a three quarters as three of four equal parts, or three of one quarter of a shape and use fraction notation

Find 3/4 of objects

Find 3/4 of an amount

Find 2/4 of objects

Recognise two quarters as two of four equal parts, or two of one quarter of a shape and use fraction notation

Find 2/4 of an amount

Recognise that a half is equivalent to two quarters

Recognise one third as one of three equal parts of a shape and use fraction notation

Find 1/3 of objects

Find 1/3 of an amount










This product is licensed for exclusive use by The Purchasing Institution

# Year 2

Unit 11

# Measurement: Time
# Road Map

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

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

Order or sequence intervals of time, including the fact that there are 24 hours in one day

Know and use the fact that there are 60 minutes in 1 hour

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

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

Tell the time using quarter past the hour on an analogue clock

Tell the time using quarter to the hour on an analogue clock

Draw the hands on a clock to show quarter past/to the hour on an analogue clock




www.buzzardpublishing.com

This product is licensed for exclusive use by The Purchasing Institution

# Year 2

Unit 12

# Measurement: Money Road Map

Calculate change from 50p

Calculate change from £1

Combine 1p, 2p and 5p coins to make different totals

Find the sum of different amounts of pence

Find different combinations of coins that equal the same amounts of money

Combine 10p, 20p and 50p coins to make different totals

Find the sum of different amounts of pounds

Combine £1, £2, £5 and £10 use the symbol for pounds (£)




www.buzzardpublishing.com

This product is licensed for exclusive use by The Purchasing Institution

# Year 2

Unit 13

## Statistics

Interpret a pictogram where the symbol represents 5 or 10 items

Construct a pictogram where the symbol represents 5 or 10 items

Interpret a block diagram

Construct a block diagram

Construct a pictogram where the symbol represents 2 items

Interpret a pictogram where the symbol represents 2 items

Construct a pictogram where the symbol represents a single item

Interpret a pictogram where the symbol represents a single item

Interpret a table

Construct a tally chart

Term 5



This product is licensed for exclusive use by The Purchasing Institution






Order capacities

Measure temperature

Compare capacity, > and <

Estimate capacity using millilitres

Estimate capacity using litres

# Year 2

Unit 14

# Measurement: Capacity and Temperature




Measure capacity using litres

Measure capacity using millilitres



www.buzzardpublishing.com

This product is licensed for exclusive use by The Purchasing Institution