# Maths KS3 Mrs Booth









Addition and subtraction

solve 4-digit addition and

subtraction calculations?

Can I use a formal written

values up to 6-digits?

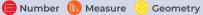
mental and written strategies

Can I use mental strategies to

method to solve addition and

subtractions calculations with









### **Y8 AUTUMN UNIT 1**

# **Multiples of numbers**

Can I count forwards and backwards in different multiples, including powers of ten?

Y8 AUTUMN UNIT 7



# Y8 AUTUMN UNIT 2

# Read and write numbers in words and digits

Can I write any 7-digit number in words and digits?



# Y8 AUTUMN UNIT 3

### Place value in 7-digit numbers

Can I name the place values in a 7-digit number?

Can I compare any numbers up to and including 7-digits using inequality signs?



# **Y8 AUTUMN UNIT 6**

# **Recognise and count** negative numbers

Can I use a number line to continue a sequence below zero into negative values?



# **Y8 AUTUMN UNIT 4**

### Rounding numbers to the nearest 10, 100 or 1000

Can I round any 4-digit number to the nearest 10, 100 or 1000?



# Y8 AUTUMN UNIT 5

## Count backwards beyond zero

Can I use a number line to count with negative values?



Y8 SPRING UNIT 1

# Multiplication using a formal method

Can I use a formal written method to solve 4 by 2-digit multiplication calculations?



### Y8 SPRING UNIT 2

## Division using a formal method

Can I use a formal written method to solve 4-digit by 1-digit division calculations?



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Measuring time

between 12- and

24-hour clocks?

Can I convert time

# Y8 SPRING UNIT 5

# **Understand and measure** types of angles

Can I identify and sort acute, obtuse and reflex angles?



# Can I recognise common equivalent

fractions?

tenths and hundredths?

inequality signs?

Can I recall percentage and decimal equivalents for ½, ¼ and 1/5?



# Identifying and describing properties of 2D and 3D shapes

Can I compare polygons, based on their number of sides and lines of symmetry?

Can I compare and classify geometric shapes, like triangles and quadrilaterals, based on their properties and sizes?



**Y8 SPRING UNIT 4** 

# Y8 SPRING UNIT 3



### Prime, square and cube numbers



# Understanding fractions, decimals, percentages and their equivalence

Can I identify decimal equivalents for

Can I use visual models to convert between mixed number and improper

Can I order and compare numbers with up to three decimal places using



# Y8 SUMMER UNIT 1

## Measures - converting units

Can I convert between metric units for length, mass and capacity?



# Y8 SUMMER UNIT 2

# Measures - compare and calculate

Can I use measuring resources to accurately calculate different measures of length, mass and capacity?



# Y8 SUMMER UNIT 3

# Geometry - calculating area and

Can I find the area and perimeter of rectangles and squares?



# Y8 SUMMER UNIT 4

# Represent and interpret data

Can I interpret discrete and continuous data in bar charts and graphs?

Can I interpret information in tables?



# Y8 SUMMER UNIT 5

# Geometry - position and direction

Can I identify the position of shapes after reflection and translation?

