MATHS Mental Objectives - Year 3



KS1 SECURE BY END OF AUTUMN 1

Count to and across 100. forwards and backwards

Count in multiples of twos, fives and tens

Given a number, identify one more and one less

Use number bonds and related subtraction facts within 20

Find half of sets of objects

Find a quarter of sets of objects

Tell the time to the hour and half past the hour

Recognise and name common 2-D and 3-D shapes

Describe position, direction and movement, including whole, half, quarter and three quarter turns.

Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward

Recognise the place value of each digit in a two-digit number

Add and subtract numbers Add nine to a number (add ten subtract one) (use related facts 7 add 3 = 10, 70 add 30 = 100)

- a two-digit number and ones
- a two-digit number and tens
- two two-digit numbers
- adding three one-digit numbers

Know the 2.5 and 10 times tables

Count in steps oh one half and one quarter

Tell and write the time to five minutes

SECURE BY END OF AUTUMN 2

Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number

Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)

Add and subtract numbers mentally Add 19, 99, 199 etc

- a three-digit number and ones
- a three-digit number and tens
- a three-digit number and hundreds

Compliments to 100 (number line)

Divide 100 into 2,4,5 and 10 equal parts

Double and half numbers up to 3 digits (whole number answers)

Given a number find 10 more, ten less, 100 more, 100 less

Add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)

MATHS

Mental Objectives - Year 3



SECURE BY END OF SPRING

Know the 2, 3, 4, 5, 8 and 10 times tables

Add and subtract amounts of money to give change, using both ${\mathfrak L}$ and p

Count up and down in tenths

Add and subtract fractions with the same denominator within one whole

Find fractions of a discrete set of objects: unit fractions and nonunit fractions with small denominators

SECURE BY END OF SUMMER

Read time with increasing accuracy to the nearest minute

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

Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle