

Y3 Maths: Place value & estimation

P1

count in steps of 4, 8, 50, 100; Find 10 more or less; Find 100 more or less



P2

recognise the place value of each digit in a three-digit number: *hundreds, tens, units*



P3

compare and order numbers up to 1000



P4

write and estimate numbers in different forms *e.g. cm, kg, ml, time*



P5

read and write numbers to at least 1000 in numerals and words



P6

solve number problems and practical problems about place value



Y3 Maths: Addition & subtraction

AS1

mental maths: add and subtract units to HTU



AS2

mental maths: add and subtract tens to HTU



AS3

mental maths: add and subtract hundreds to HTU



AS4

use columns for addition and subtraction



AS5

estimate answers and use the inverse method to check



AS6

solve problems, such as missing numbers using number facts, place value, + and -



Y3 Maths: Multiplication & division

MD1

know and use **division facts** for the 3, 4 and 8 times tables



MD2

multiply and **divide** two-digit numbers by units, mentally and on paper



MD3

solve multiplication / division problems, including scaling and correspondence



Y3 Maths: Fractions

F1

count up and down in **tenths**



F2

find and write **fractions** of objects



F3

relate fractions to division, *e.g. that one third of a cake is 1 cake divided into 3 pieces*



F4

use diagrams to show **equivalent** fractions



F5

add and **subtract** fractions with the same denominator, *e.g. $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$*



F6

order fractions with the same denominator



F7

solve fractions problems



M1

compare, add and subtract **units of measure**, including *M, cm, mm, kg, g, L, ml*

M2

measure the **perimeter** of simple 2D shapes

M3

add and subtract **money**, using both £ and p; practice giving change

M4

tell and write the **time** in 12 and 24-hour clocks; use Roman numerals from I to XII

M5

estimate time to the nearest minute; record seconds, minutes, hours; use time vocabulary *am/pm, morning, noon, midnight, o'clock*

M6

know **time relationships**: seconds - minutes - hours - days - months - years *including leap years*

M7

calculate the **duration** of an event or task

G1

draw 2D shapes, **make** 3D shapes; find and describe 3D shapes in different positions

G2

recognise **angles** as a property of shape; relate angles to turning

G3

relate **right angles** to quarter, half and full turns; find angles that are greater than or less than a right angle

G4

identify horizontal, vertical, perpendicular and parallel **lines**

S1

understand and **present data** using bar charts, pictograms and tables



S2

solve two-step questions about bar charts, pictograms and tables, e.g. "How many more?"



