

Ysgol Y Faenol



Year 3 Mathematical Objectives

Place Value

Read and write whole numbers up to 1000.
Compare and estimate with numbers up to 100.
Recognise odd/even numbers to 100.
Order a set of three-digit numbers.
Round any three-digit number to the nearest 100.
Count on/back in 10s, 100s from any two-/three-digit number.

Addition and Subtraction

Use mental strategies to recall addition and subtraction facts within 20
Recall pairs that make 20 ($13+7$, $2+18$)
Use mental strategies to add and subtract 2 digit numbers.
Add/ subtract 9, 19, 29... and 11, 21, 31...
State subtraction fact corresponding to addition fact, and vice versa ($18-6=12$, $12+6=18$)
Use partitioning to double and halve 2 digit numbers ($47+47$ =not known by heart, so $40+40=80$, $7+7=14$, $80+14=94$)
Recall pairs of multiples of 100 with a total of 1000 (e.g. $300+700$)
Find differences within 100.
Check subtraction by using addition.
Use different combinations of money to pay for items up to £2 and calculate the change.
Order and compare items up to £10.

Multiplication and Division

Recognise that multiplication can be done in any order.
Derive doubles of whole numbers to 20 and corresponding halves.
Derive near doubles. ($17+18=17\times2+1$)
Recall 2, 3, 4, 5 and 10 multiplication tables and use to solve problems.
Derive division facts and solve problems by using 2, 3, 4, 5 and 10 multiplication tables.
Multiply numbers by 10.
Check multiplication by using repeated addition.
Recognise unit fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{10}$, and use them to find fractions of shapes and numbers

Shape and Space

Identify right angles in 2-D shapes.
Recognise the names and properties of 2d and 3d shapes.
Know that perimeter is the distance around a shape.