

# Ysgol Y Faenol



## Year 5 Maths Objectives

### Shape, Space and Measures

To be able to work out the area and perimeter of simple rectangles.  
To be able to identify 2d shapes by their properties, including scalene, equilateral and isosceles triangles.  
To be able to identify 3d shapes by their nets and properties.  
Convert £ to pence, m to cm, km to m, kg to g and litres to millilitres.  
To be able to estimate angles up to 180 degrees.  
To be able to read time from timetables.  
To be able to work out differences in time crossing the hour barrier.

### Multiplication and Division

Double or halve any number up to 100.  
Use doubling and halving to multiply or divide two-digit numbers by 4.  
Recall multiplication facts to  $10 \times 10$  and derive all division facts.  
Partition to multiply by 2, 3, 5 or 10, and use tests of divisibility.  
Identify pairs of factors of small two digit numbers.

### Addition and Subtraction

Find pairs with sum of 100; derive multiples of 50 with a sum of 1000.  
Find pairs with sum of 100, multiples of 50 sum 1000, decimals sum 1, 10.  
Recall addition and subtraction facts for each number up to 20.  
Add / subtract any pair of two-digit numbers, including crossing 100.

### Place Value

Read and write whole numbers to at least 100000.  
Count on/back in equal steps (25, 100, 0.1, 0.2) including beyond zero.  
Order positive and negative whole numbers.  
Round decimals to the nearest whole number.  
Multiply or divide whole numbers up to 10 000 by 10 or 100.  
Read and write any whole number; round to nearest 10 or 100.

### Fractions, Decimals and Percentages

Order fractions.  
Order decimal numbers to 3 decimal places.  
Know simple fractions as percentages/ decimals.  
Find simple percentages.