Off by Heart Facts
Year 3 Summer 2

(Many of the facts covered this half term will be consolidation of the whole Y3 year-so please refer to earlier fact sheets)

Count on and back in multiples of 4, 8, 50 and 100

Recall and use related multiplication and division facts for the 3, 4 and 8 times tables
e.g. 4x6=24, 6x4=24, 24 divided by 6=4, 24 divided by 4=6 and complete missing number questions such as, 8x__=16 or __ divided by 8=7

Recap finding and writing fractions including quarters, fifths, thirds, sixths

Recap time facts and solve time problems
e.g. number of seconds in a minute, days in a month, year, leap year, etc.

Identify angles and know if an angle is more or less than a right angle

Measure and calculate the perimeter of a 2D shape i.e. rectangle, square, triangle (all types), hexagon, octagon, parallelogram
Recap names of 2D shapes and 3D solids
and be able to recognise and describe their properties i.e. a rectangle has 4 straight sides two of which, are a longer length than the other two; a cube has 6 flat faces, 12 straight edges and 8 vertices (corners)

Convert measurements involving those for length, weight, capacity
Know that 10mm=1cm; 100cm=1m; 1000m=1km
1000ml=1litre
1000mg=1g; 1000g=1kg

Top Tips for Home Learning

Do little and often

www.multiplication.com has many activities and games to help children learn table facts

Be able to find more than one part of a particular fraction i.e. 1/3 of 18=6 so 2/3 of 18=12
Be able to place several fractions in an appropriate position on a number line
e.g. on a number line from 0-1 show where ¼, ½, 1/3 and ¾ would be placed

0_____1/4 _____1/3 ____1/2 _____3/4_____1

Know the times which a.m./p.m., morning, afternoon, noon and midnight refer to

Know a right angle=90 degrees (i.e. a `square` corner or vertices) and know some 2D shapes have 4right angles e.g. square, rectangle or 1right angle in a right-angled triangle

Perimeter means the total distance around the outside of a shape
e.g. if you are calculating the perimeter of a rectangle you need to measure **each** side and **add together**

Solve measurement problems i.e. how many cm in 3m?, how many millilitres in ½ a litre? How many grams is equal to 5kg?
Know which measurement and scale to use for measuring a range of objects i.e. to find the length of a teaspoon you would use a ruler for centimetres but to find the length of a room you would need a metre rule