# Iford and Kingston CE Primary School

## Assessment – Y4 Maths

| Key Performance Indicator | Performance Standard |
| --- | --- |
| **Number and place value**<br>Counts in multiples of six, seven, nine, 25 and 1,000<br><br>Counts backwards through zero to include negative numbers<br><br>Orders and compares numbers beyond 1,000<br><br>Rounds any number to the nearest 10, 100 or 1,000<br><br>**Addition and subtraction**<br>Solve addition up to 4 digits using standard columnar methods.<br><br>Solve subtraction up to 4 digits using standard columnar methods.<br><br>Solves addition two-step problem, up to 4 digits, in context, deciding which operations and methods to use and why.<br><br>Solves subtraction two-step problem, up to 4 digits, in context, deciding which operations and methods to use and why.<br><br>**Multiplication and division**<br>Recalls multiplication facts for multiplication tables up to 12 x 12<br><br>Recalls division facts for multiplication tables up to 12 x 12<br><br>Uses formal method for multiplying 2 digit and 3 digit numbers by a 1 digit number<br><br>**Fractions (including decimals)**<br>Recognises and shows, using diagrams, families of common equivalent fractions<br><br>Counts up and down in hundredths; recognises that hundredths arise when dividing an object by 100 and dividing tenths by 10<br><br>Rounds decimals with one decimal place to the nearest whole number<br><br>Solve problems involving increasingly harder fractions<br><br>Solves simple measure and money problems involving fractions and decimals to two decimal places | By the end of Y4 a child should be fluent with whole numbers and the four operations, including number facts and the concept of place value.<br><br>A child will be developing efficient written and mental methods and performing calculations accurately with increasingly large numbers.<br><br>A child can:<br><ul><li>Solve a range of problems including those with simple fractions and decimal place value;</li><li>Draw shapes with accuracy using mathematical reasoning and analyse shapes and their properties, confidently describing the relationships between them;</li><li>Use measuring instruments accurately, making connections between measure and number;</li><li>Recall the multiplication tables up to and including the 12 multiplication table and show precision and fluency in the work; and</li><li>Read and spell mathematical vocabulary correctly and confidently using a growing word reading knowledge and a knowledge of spelling.</li></ul> |

Solving problems where numerator is 1

**Measurement**
Converts between different units of measure
eg kilometre to metre; hour to minute

Measure and calculate perimeter of
rectilinear figure (including squares) in cm
and m.

**Geometry**
Plots specified points and draws sides to
complete a given polygon

**Statistics**
Solves comparison, sum and difference
problems using information presented in bar
charts, pictograms, tables and other graphs