

Geometry

- Identify and describe the properties of 2d shapes including the number of sides and symmetry in a vertical line.
- Identify and describe the properties of 3d shapes, including the number of edges, vertices and faces.
- Identify 2d shapes on the surface of 3d shapes
- Compare and sort common 2d & 3d shapes in everyday objects
- Order and arrange combinations of mathematical objects in patterns
- Use vocabulary of position, movement and directions, including distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise) and movement on a straight line.

Data

- Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
- Ask and answer questions by counting the number of objects in each category and sorting the categories by quantity
- Ask and answer questions about totalling and compare categorical data.

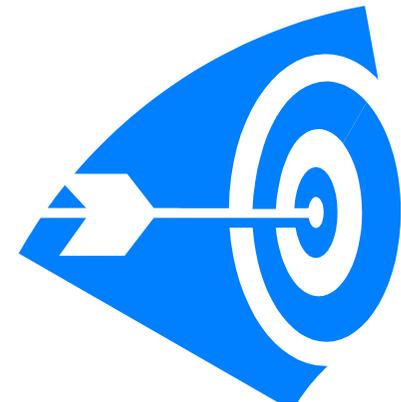
Mrs Thomas

Ringway Primary School
0161 437 1899

admin@ringway.manchester.sch.uk

Year 2
2014

Numeracy Targets



Ringway Primary School

Year 2 Programme of Study

Number

- Count in steps of 2, 3, and 5 from 0 and count in 10s from any number, forwards and backwards.
- Recognize the place value of each digit in a 2-digit number
- Identify, represent and estimate numbers using different representations, including number lines.
- Compare and order numbers from 0-100; use $<$ $>$ $=$ signs
- Read and write numbers to at least 100 in numerals and in words
- Use place value and number facts to solve problems.

Addition & Subtraction

- ◆ Solve simple one-step problems with addition and subtraction.
- ◆ Apply their knowledge of mental and written methods
- ◆ Recall and use addition & subtraction facts to 20 and derive and use related facts to 100.
- ◆ Show that addition of 2 numbers can be done in any order and subtraction can not.

Multiplication & Division

- ◆ Recall and use multiplication facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.
- ◆ Work out multiplication questions and use \times \div and $=$ signs
- ◆ Solve one-step problems involving multiplication and division.

Fractions

- ◆ Recognise and name $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$, and $\frac{3}{4}$ of a length, shape, set of objects or quantity.
- ◆ Write simple fractions eg. $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of 2 quarters and one half.

Measure

- ◆ Choose and use standard units to estimate and measure length/height (m/cm) mass (kg/g) temperature ($^{\circ}$ c) capacity (l/ml) to the nearest appropriate unit, using scales, rulers, thermometers and measuring vessels.
- ◆ Recognise and use symbols for pound (£) and pence (p) combine amounts to make a particular value and match different combinations of coins to equal the same amount; add and subtract amounts of money and give change.
- ◆ Compare and sequence intervals of time
- ◆ Tell and write the time to 5 minute intervals

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