Numbers and the number system count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number KPI count, read and write numbers to 100 in numerals; count in multiples of 2s,5s and 10. KPI given a number, identify one more and one less KPI Recall of doubles and halves to 20 identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least read and write numbers from 1 to 20 in numerals and words Addition and subtraction read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs represent and use number bonds and related subtraction facts within 20 KPI add and subtract one-digit and two-digit numbers to 20, including zero solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = 9 Multiplication and division solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. Fractions and decimals recognise, find and name a half as one of two equal parts of an object, shape or quantity. Measurement compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] mass/weight [for example, long/short, longer/shorter, tall/short, double/half] mass/weight [for example, heavy/light, heavier than, lighter than] capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] time [for example, quicker, slower, earlier, later] [KPI]
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time (for example quicker slower earlier later) KPI
and for example, dataset, slower, carrier, later and
measure and begin to record the following:
lengths and heights
mass/weight
capacity and volume
time (hours, minutes, seconds)
recognise and know the value of different denominations of coins and notes
sequence events in chronological order using language [for example, before and after, next,
first, today, yesterday, tomorrow, morning, afternoon and evening]
recognise and use language relating to dates, including days of the week, weeks, months and
years
tell the time to the hour and half past the hour and draw the hands on a clock face to show
these times.KPI
Geometry
recognise and name common 2-D and 3-D shapes, including:
2-D shapes [for example, rectangles (including squares), circles and triangles]
3-D shapes [for example, cuboids (including cubes), pyramids and spheres]KPI
Describe position, direction and movement, including whole, half, quarter and three-quarter turns