Cheselbourne Village School Learning Ladder – Maths

Year 2 National Curriculum Maths Objectives

Place Value

I know what each digit means in Tens and Unit numbers such as 24. E.g. 2 tens and 4 units/ones.	I can count forward and backward in steps of 2, 3 and 5 from 0, and make jumps in tens from any number.	I use the greater than, less than and equals signs in maths and know what they mean. E.g. 12 < 45 or 56 > 21 or 15 = 15
I can order numbers **up to 100** and tell you which numbers are bigger or smaller.	I can read and write numbers **up to 100** in digits and words.	I solve problems using number facts such as 18 + 2 = 20. I can apply these facts in different ways. E.g. 28 + 2 = 30

Addition & Subtraction (+ and -)

I can add and subtract **2 digit** numbers such as 34 - 8 or 52 + 25 using objects or pictures to help.	I answer problems with addition and subtraction using my number facts to 20 and other number facts up to 100.	I can check my answers or solve missing number problems by doing an inverse check. E.g. 85 + 15 = 100 so 100 – 15 = 85
I can add or subtract three numbers such as 2 + 5 + 9.	I can solve addition and subtraction problems and work out how I answer it on paper.	

Multiplication & Division (x and ÷)

I know my 1, 2, 4, 5 and 10 times tables off by heart and can tell whether a number is odd or even.	I can confidently use multiplication (×), division (÷) and equals (=) signs when writing out my times tables.	I know that the multiplication of two numbers can be done in any order, but the division of numbers can only be done in one order.

Fractions

I can find 1/3 or 1/4 of a shape, length or set of objects.	I can find 2/4 or 3/4 of a shape, length or set of objects.	I know some simple equivalent fractions such 2/4 = 1/2.
	I can write simple fractions sentences such as 1/2 of 6 = 3	

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Measure		
I can compare and order lengths, weight or capacity. I can then record the results using symbols for greater than, less than and equals.	I can choose, use and measure the correct unit to measure length or height in any direction (m/cm); weight (kg/g); temperature (°C); or capacity (litres/ml).	I can add together different amounts of money, such as 253p and £2.
I know and use the symbols for pounds (£) and pence (p)	I can find different combinations of coins that equal the same amounts of money.	I can solve money problems such as how much change do I get from 50p if I buy an apple for 35p?
I know there are 60 minutes in an hour and 24 hours in a day. I can put the time of events in order.	I can tell and write the time to quarter past/to the hour and draw the hands on a clock face to show these times.	I can tell and write the time to five minutes and draw the hands on a clock face to show these times.

Shape		
I can describe the properties of some 2-D shapes, including the number of sides they have and facts about their symmetry.	I can describe the properties of some 3-D shapes, including the number of edges, faces and vertices (points) they have.	I can compare 2-D and 3-D shapes with everyday objects around me.
I can describe the properties of some 3-D shapes, including the number of edges, faces, vertices (points) they have.	I can tell you which 2-D shapes appear as the faces on 3-D shapes, such as triangles on a pyramid.	

Position		
I can order objects in patterns and sequences.	I can describe my position, direction and movement.	I can describe turns as quarter, half and three-quarter turns in clockwise and anti-clockwise directions.

Statistics		
I can sort objects into categories and tell you how many objects are in each category and show which category has the most.	I work on sorting objects and can answer questions about the groups of objects I have sorted.	I can read and construct picture graphs, tally charts and tables.