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| Unit | **Place Value** | **Addition and Subtraction** | **Shape** | **Consolidation/assessment week** |
| week | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** |
| Fluency focus  | **Place value**  | **Place value** | **Place value** | **Place value** | **Addition**  | **subtraction** | **Place value** | **Addition**  | **subtraction** | **Place value** | **Shape**  | **Addition and subtraction**  |  |  |
| **Prior Knowledge***Because of my assessments I have*  |  |   |  |  |
| **Learning Objectives***Children should be taught . . .* *In the correct sequence* | Year 1Be able to sort objectsCount objectsCount objects from a larger groupRepresent objectsRecognise numbers as wordsCount on from any number1 moreCount backwards within 101 lessCompare groups by matchingFewer more sameLess than, greater than and equal toCompare numbersOder objects and numbersIntroduction to the number line  | Year 2Recognise numbers to 20Recognise tens and onesUse a place value chartPartition numbers to 100Write numbers to 100 in wordsFlexibly partition numbers to 100Write numbers to 100 in expanded formPlace 10s on a number line to 10010s and 1s on the number line to 100Estimate numbers on the number lineCompare objects Compare numbersOrder objects and number Count in 2s, 5s and 10s Count in 3s  | Year 1Introduce parts and wholesPart-whole sentencesWriting number sentencesFact families with addition factsNumber bonds to 10Systematic number bonds within 10Number bonds to 10Addition – add togetherAddition – add moreAddition problems Find a partSubtraction – find a partFact families – the eight factsSubtraction – take away crossing outSubtraction – take away how many are left? Subtraction on a number lineAdd or subtract 1 or 2 | Year 2Bonds to 10Fact families – addition and subtraction bonds within 20Related factsBonds to 100 (tens)Add and subtract 1sAdd by making 10Add 3 1-digit numbersAdd to the next 10Add across a 10Subtract across 10 Subtract a 1-digit number from a 2-digit number10 more 10 lessAdd and subtract 10sAdd two 2-digit numbers (not across a 10)Add two 2-digit numbers across a 10Subtract two 2-digit numbers (not across a 10)Subtract two 2-digit numbers across a 10Mixed addition and subtraction Compare number sentences | Year 1Recognise and name 3D shapes Sort 3D shapes Recognise and name 2D shapes Sort 2D shapes patterns with 2D and 3D shapes  | Year 2Recognise 2D and 3D shapesCount sides on 2D shapes Count vertices on 2D shapesDraw 2D shapesLines of symmetry on shapesUse lines of symmetry to complete shapesSort 2D shapes Count facts on 3D shapesCount edges on 3D shapes Count vertices on 3D shapes  |  |
| **End Point***Children will be able to . . .**NC Objectives from the NCETM progression document.* | **Year 1**♣given a number, identify one more and one less♣ read and write numbers from 1 to 20 in numerals and words.♣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 | **Year 2**♣recognise the place value of each digit in a two-digit number (tens, ones)♣ identify, represent and estimate numbers using different representations, including the number line ♣ compare and order numbers from 0 up to 100; use and = signs ♣ read and write numbers to at least 100 in numerals and in words ♣ use place value and number facts to solve problems. | **Year 1**♣read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs ♣represent and use number bonds and related subtraction facts within 20 ♣ 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. | **Year 2**♣ solve problems with addition and subtraction: ♣ using concrete objects and pictorial representations, including those involving numbers, quantities and measures ♣ applying their increasing knowledge of mental and written methods ♣ recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 ♣ add and subtract numbers using concrete objects, pictorial representations, and mentally, including: ♣ a two-digit number and ones ♣ a two-digit number and tens ♣ two two-digit numbers ♣ adding three one-digit numbers♣ show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot ♣ Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. | **Year 1**♣ 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] | **Year 2**♣ identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line ♣ identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces ♣ identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid] ♣ compare and sort common 2-D and 3-D shapes and everyday objects. |  |
| **Key Vocabulary**  | NumberZero, one, two, three to one hundred NoneCount (on/up/to/from/down)Before, after More, less, many, few, fewer, least, fewest, smallest, greater, lesserEqual to, the same asOdd, evenPairUnits, ones, tensTen more/lessDigitNumeralFigure(s)Compare(In) order/a different orderSizeValueBetween, halfway between Above, below | Number bonds, number lineAdd, more, plus, make, sum, total, altogetherInverseDouble, near doubleHalf, halveEquals, is the same as (including equals sign)Difference betweenHow many more to make..? How many more is…than..? How much more is..? Subtract, take away, minusHow many fewer is…than..? How much less is..? | Group, sortCube, cuboid, pyramid, sphere, cone, cylinder, circle, triangle, squareShapeFlat, curved, straight, roundHollow, solidCorner (point, pointed)Face, side, edge Make, build, draw |  |