| **Year 1 Maths Long Term Plan 2021-22** |
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| **Autumn**  | **Number: Place value (within 10) Week 1-4**Sort objects. Count objects. Represent objects.  Count, read & write forwards from any number 0 -10.  Count, read & write backwards from any number 0- 10.  Count one more/ Count one less.  One to one correspondence to start to compare groups using language such as equal, more/greater, less/fewer. Introduce = , > and < symbols. Compare numbers.  Order groups of objects. . Ordinal numbers (1st, 2nd, 3rd ….).  |  | **Number: Addition and Subtraction (within 10) Week 5-9**Part whole model.  Addition symbol.  Fact families – Addition facts. Find number bonds for numbers within 10. Systematic methods for number bonds within 10.  Number bonds to 10. Compare number bonds. Finding a part. Subtraction: Taking away, how many left? Crossing out. • Subtraction: Taking away, how many left? Introducing the subtraction symbol. • Subtraction: Finding a part, breaking apart. • Fact families – 8 facts. Subtraction: Counting back. • Subtraction: Finding the difference. • Comparing addition and subtraction statements. | **Geometry Week 10**Recognise & name 3D shapes.  Sort 3D shapes. Recognise & name 2D shapes. Sort 2D shapes. Patterns with 3D & 2D shapes. | **Number: Place Value Week 11-2****(within 20)**Count forwards and backwards and write numbers to 20 in numerals and words.  Numbers from 11 to 20.  Tens and ones.  Count one more and one less. Compare groups of objects.  Compare numbers.  Order groups of objects. Order numbers.  |
| Include Measurement Knowledge of coinsReasoning and problem solving | Include MeasurementReasoning and problem solving | Include Number BondsReasoning and problem solving | Include MeasurementReasoning and problem solving |
| **Spring**  | **Number: Addition and Subtractions (within 20) Week 1-4**Add by counting on.  Find and make number bonds.  Add by making 10. Subtraction – Not crossing 10.  Subtraction – Crossing 10 Related Facts. Compare Number Sentences | **Number: Place Value (within 50) Week 5-7**Numbers to 50.  Tens and ones.  Represent numbers to 50.  One more one less.  Compare objects within 50. Compare numbers within 50. Order numbers within 50. Count in 2s.  Count in 5s.  | **Measure Week 8-9**Compare lengths and heights. Measure length | **Measure Week 10-12**Introduce weight and mass. Measure massCompare mass. Introduce capacity. Measure capacity. Compare capacity. |
| Include Measurement Reasoning and problem solving | Include MeasurementReasoning and problem solving | Include MeasurementReasoning and problem solving | Reasoning and problem solving |
| **Summer**  | **Number: Multiplication and Division Week 1-4**Count in 10s.  Make equal groups.  Add equal groups. Make arrays.  Make doubles. Make equal groups – grouping. Make equal groups – sharing. | **Number: Fractions Week 5-6** Halving shapes or objects. Halving a quantity. Find a quarter of a shape or object.  Find a quarter of a quantity. | **Geometry Week 7**Position and Direction Describe turns. Describe Position **Covered earlier to fit in with the Computing unit- Bee Bots and map work.** | **Number: Place Value** **(within 100) Week 8-9**Counting to 100. Partitioning numbers.  Comparing numbers Comparing numbers  Ordering numbers.One more, one less. | **Measure Week 10**MoneyRecognising coins. Recognising notes. Counting in coins**Covered earlier to fit in with the week of Maths Day-2p/5p shop.**  | **Measure Week 11/12**TimeBefore and after. Dates. Time to the hour. Time to the half hour. Writing time. Comparing time. |
| Include Measurement Reasoning and problem solving | Include Measurement Reasoning and problem solving | Reasoning and problem solving |