Wk	Progression Focus	Weekly Summary	Strands	Objectives
16	**Fractions** Week 16 and focuses on doubling and halving, including odd numbers, leading to counting in halves and mixed numbers; unit and non-unit fractions are then modelled using a variety of images.	Revise doubles and corresponding halves to 15; find half of odd and even numbers to 30; Revise and recognise 1/2s, 1/4s, 1/3s and 2/3s of shapes; place 1/2s on a number line; count in 1/2s and 1/4s; understand and write mixed numbers	**MMD** Mental multiplication and division; **FRP** Fractions, ratio and proportion	• **MMD.19** Double numbers to 12 and find related halves • **MMD.21** Double numbers to 20, including partitioning teen numbers, and find related halves • **MMD.36** Double and halve numbers to 100, including partitioning 2-digit numbers • **FRP.20** Find 1/2 of odd numbers • **FRP.12** Understand that a fraction is an equal part of a whole; 1/2s and 1/4s of shapes • **FRP.23** Understand the concept of a unit fraction; 1/2, 1/3, 1/4, 1/8 • **FRP.27** Place 1/2s and 1/4s on a number line • **FRP.19** Count in halves beyond 1 to 10 • **FRP.21** Count in 1/4s beyond 1, not saying equivalent fractions
17	**Multiplication and division** Week 17 focuses on 'clever counting' on the number line, and introduces the × sign for multiplication.	Count in 2s, 5s and 10s to solve multiplication problems and find specified multiples; introduce the × sign; record the 2, 5 and 10 times-tables; investigate multiplications with the same answer; write multiplications to go with arrays, rotate arrays to show they are commutative	**MMD** Mental multiplication and division; **PRA** Problem solving, reasoning and algebra	• **MMD.14** Count in 2s to 20 • **MMD.17** Count in 10s to 100 • **MMD.18** Count in 5s to 50 • **MMD.20** Recall

				• **MMD.26** Count in 2s and recall multiplication and division facts for the ×2 table
				• **MMD.27** Count in 5s and recall multiplication and division facts for the ×5 table
				• **MMD.35** Understand multiplication as repeated addition and as scaling
				• **MMD.23** Multiply using arrays and friendly numbers
				• **PRA.33** Solve multiplication and division problems using arrays, repeated addition and mental methods
18	**Time; data** Week 18 focuses on telling the time and further develops children's understanding of the units of time; time is then used as the context for data to be represented on pictograms and block graphs.	Tell the time to the nearest quarter of an hour using analogue and digital clocks; understand the relationship between seconds, minutes and hours and use a tally chart; interpret and complete a pictogram or block graph where one block or symbol represents one or two things	**MEA** Measurement; **STA** Statistics	• **MEA.28** Tell the time to the nearest quarter of an hour using digital and analogue clocks
				• **MEA.23** Recognise and use language relating to date, including days, weeks, months and years
				• **MEA.26** Identify appropriate units of time to measure a duration (minutes, hours, days, weeks, months, years)
				• **STA.24** Begin to read and construct tally charts
				• **STA.28** Interpret and complete pictograms

The first partial row at top continues: "multiplication and division facts for the ×10 table"

- where 1 symbol represents 1 item
- **STA.29** Interpret and complete block graphs where 1 block represents 1 item
- **STA.36** Interpret and present data using bar charts where one division represents one unit
- **STA.23** Read and enter data in tables
- **STA.34** Interpret and complete pictograms where 1 symbol represents 2 items

| 19 | **Multiplication and division** Week 19 focuses on 'clever counting' using arrays as well as number lines; division is introduced as the inverse of multiplication. | Revise 2, 5 and 10 times-tables; revise arrays and hops on the number line; multiply by 2, 3, 4, 5 and 10; arrange objects into arrays and write the corresponding multiplications; make links between grouping and multiplication to begin to show division; write divisions as multiplications with holes in and use the ÷ sign | **MMD** Mental multiplication and division; **PRA** Problem solving, reasoning and algebra | • **MMD.20** Recall multiplication and division facts for the ×10 table
• **MMD.23** Multiply using arrays and friendly numbers
• **MMD.26** Count in 2s and recall multiplication and division facts for the ×2 table
• **MMD.27** Count in 5s and recall multiplication and division facts for the ×5 table
• **MMD.29** Count in 3s
• **MMD.33** Count on and back in 4s
• **MMD.24** Understand the link between multiplication and grouping
• **MMD.25** Begin to understand division as 'how many groups of..?' |

				•	**MMD.35** Understand multiplication as repeated addition and as scaling
				•	**MMD.37** Understand division as the inverse of multiplication
				•	**PRA.29** Begin to work systematically to find all possibilities

20	**Money and money calculations** Week 20 focuses on rehearsing coin and note values, and on writing amounts of money; money is then used as the context for adding and finding totals.	Recognise all coins, know their value, and use them to make amounts; recognise £5, £10, £20 notes; make amounts using coins and £10 note; write amounts using £.p notation; order coins 1p – £2 and notes £5 – £20; add several coins writing totals in £.p notation (no zeros in 10p place); add two amounts of pence, using counting on in 10s and 1s; add two amounts of money, beginning to cross into £s	**MEA** Measurement; **NPV** Number and place value; **PRA** Problem solving, reasoning and algebra; **MAS** Mental addition and subtraction	•	**MEA.22** Recognise and know the value of 1p, 2p, 5p, 10p, 20p, 50p and £1 coins
				•	**MEA.24** Recognise and know the value of £2 coins and £5, £10, £20, £50 notes
				•	**MEA.33** Combine amounts to make particular values; match different combinations of coins to make equal amounts of money
				•	**MEA.38** Recognise and use symbols for pounds and pence. Record amounts using £.p notation
				•	**MEA.34** Add and subtract money of the same unit; solving money problems in a practical context
				•	**NPV.26** Begin to write amounts of money as pounds and pence, with no placeholder 0 in the 10s
				•	**NPV.35** Write amounts of money as pounds and pence, including placeholder 0 in the 10s

- **PRA.31** Find possible amounts using a given number of coins (1p to £2)
- **PRA.32** Use coins to solve simple problems involving addition, subtraction and giving change
- **MAS.28** Add/subtract 2-digit numbers to/from 2-digit numbers by counting on/back