

A Journey Through Mental Calculation Strategies – Addition & Subtraction

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
AUTUMN 1	Counting forwards and backwards <i>(P4-5)</i>	Counting forwards and backwards <i>(P9-10)</i> Reordering <i>(P10-11)</i>	Counting forwards and backwards <i>(P18-19)</i> Reordering <i>(P19-20)</i>	Partitioning: Bridging through 60 to Calculate a Time Interval <i>(P35-36)</i>	Counting forwards and backwards <i>(P38-39)</i> Reordering <i>(P39-40)</i> Partitioning: Counting on or back <i>(P41-42)</i>	Counting forwards and backwards <i>(P48-49)</i> Reordering <i>(P49-50)</i> Partitioning: Counting on or back <i>(P51-52)</i>
AUTUMN 2	Reordering <i>(P5-6)</i>	Partitioning: Using Near Doubles <i>(P11-12)</i>	Partitioning: Counting on or back <i>(P21-23)</i>	Counting forwards and backwards <i>(P28-29)</i> Reordering <i>(P29-30)</i>	Partitioning using near doubles <i>(P40-41)</i> Partitioning: compensating <i>(P44)</i>	Partitioning using near doubles <i>(P50-51)</i> Partitioning: compensating <i>(P54-55)</i>
SPRING 1	Consolidate and extend from Aut 1 & 2 <i>(P4-6)</i>	Partitioning; Counting on or Back <i>(P12-13)</i>	Partitioning: Bridging Multiples of 10 <i>(P23-24)</i>	Partitioning: Counting on or back <i>(P31-32)</i>	Partitioning: Bridging Multiples of 10 <i>(P42-43)</i>	Partitioning: Bridging Multiples of 10 <i>(P53-54)</i>
SPRING 2	Partitioning using Near Doubles (adjust through addition, e.g. $6 + 7$ = double 6 and add 1) <i>(P6-7)</i>	Partitioning: Bridging Multiples of 10 <i>(P14-15)</i>	Partitioning using near doubles <i>(P20-21)</i> Partitioning: compensating <i>(P24-25)</i>	Partitioning using near doubles <i>(P30-31)</i> Partitioning: compensating <i>(P34)</i>	Partitioning: Bridging through 60 to Calculate a Time Interval <i>(P45-46)</i>	Partitioning: Bridging through 60 to Calculate a Time Interval <i>(P55-57)</i>
SUMMER 1	Partitioning using Near Doubles (adjust through subtraction e.g. $6 + 7$ = double 7 and subtract 1) <i>(P6-7)</i>	Partitioning: Compensating <i>(P15-16)</i>	Partitioning: Bridging through 60 to Calculate a Time Interval <i>(P25-26)</i>	Partitioning: Bridging Multiples of 10 <i>(P32-33)</i>	Consolidation of Aut 1, 2 and Spr 1 strategies (focus on calculating with decimals) <i>(P38-44)</i>	Making appropriate choice of range of strategies and justifying choices
SUMMER 2	Making appropriate choice of range of strategies (e.g. $5 + 13$... not a near double, counting on from 5 is inefficient but to reorder to $13 + 5$ and count on better) <i>(P4-7)</i>	Making appropriate choice from a range of strategies and justifying choices				