A Journey Through Mental Calculation Strategies – Multiplication & Division

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
AUTUMN 1	*Focus on Addition & Subtraction strategies this term*	Counting forwards and backwards in steps of 2, 5 and 10 *(P9-11)*	Counting forwards and backwards in steps of 4 and 8 *(P17-21)*	Counting forwards and backwards in steps of 6 and 7 *(P35-38)*	Counting forwards and backwards in steps *(P52-53)*	Counting forwards and backwards in steps *(P63-38)*
AUTUMN 2	Counting forwards and backwards in steps of 10 *(P3-5)*			Knowing multiplication & division facts for 6x and 7x *(P39-45)*	*Consolidation of …* Knowing multiplication & division facts to 12x12 *(P39-45)*	*Consolidation of …* Knowing multiplication & division facts to 12x12 *(P39-45)*
SPRING 1	Counting forwards and backwards in steps of 2, 5 and 10 *(P3-5)*	Counting forwards and backwards in steps of 3 *(P9-11)*	Knowing multiplication & division facts for 4x, 8x and 3x *(P12-15)*	Knowing multiplication & division facts for 11x, 12x and 9x *(P39-45)*	Multiplying & Dividing by 10, 100 and 1000 *(P54-57)*	*Consolidation of …* Multiplying & Dividing by 10, 100 and 1000 *(P54-57)*
SPRING 2	Equal Groups of 2, 5 and 10 *(P5-6)*	Knowing multiplication & division facts for 10x *(P12-15)*		Knowing multiplication & division facts to 12x12 *(P39-45)*	Using known facts to derive related calculations *(P58-60)*	Using known facts to derive related calculations *(P64-68)*
SUMMER 1	Equal Groups of any size *(P5-6)*	Knowing multiplication & division facts for 10x and 2x *(P12-15)*	Multiplying & Dividing by 10 and 100 *(P28-30)*	Multiplying & Dividing by 10 and 100 *(P45-47)*	Use partitioning to multiply numbers mentally *(P61)*	Use partitioning to multiply and divide numbers mentally *(P69-70)*
SUMMER 2	Arrays *(P7)*	Knowing multiplication & division facts for 10x, 5x and 2x *(P12-15)*	Using known facts to derive related calculations *(P31-33)*	Using known facts to derive related calculations *(P48-50)*	*Consolidation of …* Using known facts to derive related calculations *(P58-60)* Use partitioning to multiply numbers mentally *(P61)*	*Consolidation of …* Using known facts to derive related calculations *(P64-68)* Use partitioning to multiply and divide numbers mentally *(P69-70)*