


STOPS Problem Solving Long Term Plan 2021-2022

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	Act it Out - Early Solvers Act it Out - Step 1	Trial and Error - Early Solvers Trial and Error - Step 1	Trial by Improvement - Early Solvers Trial by Improvement - Step 1	Pattern - Early Solvers Pattern - Step 1	Simplify - Early Solvers Simplify - Step 1	List or Table - Step 1
Year 2	Act it Out - Steps 2 & 3	Trial and Error - Step 2 & 3	Trial by Improvement - Step 2 List or Table - Step 2	Pattern - Step 2 Simplify - Step 2	Working Backwards - Step 1 & 2	Algebra - Steps 1 & 2
Year 3	Act it Out - Steps 4 & 5	Trial and Error - Steps 4 & 5	Trial by Improvement - Step 3 & 4	List or Table - Step 3 Pattern - Step 3	Simplify - Step 3 Working Backwards - Step 3	Algebra - Step 3
Year 4	Act it Out - Step 6 Trial and Error - Step 6	Trial by Improvement - Step 5 List or Table - Step 4	List or Table - Step 5 Pattern - Step 4	Simplify - Steps 4 & 5	Working Backwards - Steps 4 & 5	Algebra - Step 4
Year 5	Act it Out - Step 7 & Advanced Solvers	Trial and Error - Step 7 & Advanced Solvers	Trial by Improvement - Step 6 List or Table - Step 6	Pattern - Steps 5 & 6	Simplify - Step 6 Working Backwards - Step 6	Algebra - Step 5
Year 6	Trial by Improvement - Step 7 & Advanced Solvers List or Table - Step 7 & Advanced Solvers	(cont'd) List or Table - Step 7 & Advanced Solvers Pattern - Step 7 & Advanced Solvers	Simplify - Step 7 & Advanced Solvers Working Backwards - Step 7 & Advanced Solvers	(cont'd) Working Backwards - Step 7 & Advanced Solvers Algebra - Step 6	Algebra - Steps 7 & Advanced Solvers	Summer 2 to be used for recap and consolidation of problem solving skills, based on the needs of the class.