Future Problem Solving

Step 3 – Creating solutions to solve the underlying problem

Objective: To create many, varied, and unusual solutions that respond to the underlying problem.

Missouri Standards

GOAL 3: Students in Missouri public schools will acquire the knowledge and skills to recognize and solve problems.

Students will demonstrate within and integrate across all content areas the ability to
2. develop and apply strategies based on ways others have prevented or solved problems
3. develop and apply strategies based on one's own experience in preventing or solving problems
4. evaluate the processes used in recognizing and solving problems
5. reason inductively from a set of specific facts and deductively from general premises
6. examine problems and proposed solutions from multiple perspectives
7. evaluate the extent to which a strategy addresses the problem
8. assess costs, benefits and other consequences of proposed solutions

#1	#2	#3	#4	
				Is the solution relevant to the **KVP and condition phrase, and shows a connection to the purpose**?
				Is the solution directly stated? **What** is the solution?
				Does the solution tell **why** this solution will solve the underlying problem?
				Does the solution state **who** will implement this solution?
				Is the solution futuristic?
				Is **research** evident in the elaboration of the solution?
				* * Is there **extrapolation** of current research to possible **future** concerns?