

Step 1. Identify Challenges & Concerns **Do NOT identify yourself or your school in your booklet.** Team ID# _____

Thoroughly read and discuss the future scene. Generate as many challenges that relate to it. Select the **8** you think are the most important. Write your **8** key concerns in the spaces provided; word your challenges clearly, use sentence statements, not questions. Only write on the front of the page, material written on the back of the page or on additional pages will NOT be scored.

1.)

2.)

3.)

4.)

Step 1. Identify Challenges and Concerns (continued)

Do NOT identify yourself or your school in your booklet.

5.)

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7.)

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Step 3. Solution Ideas

Do NOT identify yourself or your school in your booklet.

Produce as many solution ideas as you can. Write your **8** most promising solutions in the spaces provided. Write each solution in a sentence statement describing **who** will carry out **what** action, **how** it will be done, **why** it will solve the problem, and **where** and **when** it will take place. Only write on the front of the page, material written on the back of the page or on additional pages will NOT be scored.

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Step 3. Solution Ideas (continued)

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Step 4. Generate and Select Criteria

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Generate criteria to help you decide which solution idea, from those in Step 3, does the best job of solving **your** Underlying Problem. Select the three criteria you think are the most important for measuring your solution ideas and write them in the space provided. Each criterion should have a different focus. Only write on the front of the page, material written on the back of the page or on additional pages will NOT be scored.

1.)

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Step 5. Apply Criteria to Solution Ideas

From your list of solution ideas, select the **4** ideas that you think have the most potential. Use each criterion to compare/rank the solutions on a scale from 1 (poorest) to 4 (best), and enter the numbers in the appropriate columns. Add the ranks you have given to each solution, and enter the sums in the Total column. (if fewer than 4 ideas were generated, list them all; rank the solution ideas from 1 (poorest) to the number of ideas generated.)

Step 3 Solutions	Solution Ideas	Criteria					Total
		1	2	3	4	5	

