

### STEP 1. Identify Challenges

Thoroughly read and think about the future scene, consider the many challenges, issues, concerns and problems related to it. Generate as many challenges as you can. Focus on 10 challenges you think are the most important. Write your 10 challenges below. Word your challenges clearly; state the challenges as possibilities; use sentence statements, not questions. **Do not write on the back of any page. If needed, additional blank pages are provided.**

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| 1. |  |
| 2. |  |
| 3. |  |

**STEP 1. Identify Challenges (continued)**

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**STEP 1. Identify Challenges (continued)**

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## STEP 2. Select an Underlying Problem

Based on the challenges you listed in Step 1, identify a challenge of major importance. Write your underlying problem in question form. Include a condition phrase and the words, “*in what ways might we...?*” or “*how might we...?*” Your problem should clearly explain what you want to do and the reason it should be done. **Do not write on the back of any page. If needed, additional blank pages are provided.**

*To show a connection between Steps 1 and 2, in the space below, identify by number the Step 1 challenge(s) from which your underlying problem was developed. (This is optional and is not scored.)*

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### STEP 3. Produce Solution Ideas

Produce as many solution ideas as you can to your underlying problem. Choose your 10 most promising solution ideas and write them in the space provided. Write each solution idea in a sentence statement that describes *who* will carry out *what* action, *how* it will be done, *why* it will solve the problem and *where* and *when* the solution will take place. **Do not write on the back of any page. If needed, additional blank pages are provided.**

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**STEP 3. Produce Solution Ideas (continued)**

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**STEP 3. Produce Solution Ideas (continued)**

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### STEP 4. Select Criteria

Select the most promising solution ideas from Step 3. Generate criteria to help you decide which solution idea does the best job of solving *your* underlying problem. Select the five 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. **Do not write on the back of any page. If needed, additional blank pages are provided.**

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| 2. |  |
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### STEP 5. Apply Criteria

From your list of solution ideas, select the 5 ideas you think have the most potential. Use each criterion to compare/rank the solutions on a scale from 1 (poorest) to 5 (best). Enter the numbers in the appropriate columns. Add the ranks given to each solution and enter the sum in the appropriate TOTAL column.

| Step 3<br>Sol'n # | Solution Ideas | Criteria |   |   |   |   | Total |
|-------------------|----------------|----------|---|---|---|---|-------|
|                   |                | 1        | 2 | 3 | 4 | 5 |       |
| #                 |                |          |   |   |   |   |       |
| #                 |                |          |   |   |   |   |       |
| #                 |                |          |   |   |   |   |       |
| #                 |                |          |   |   |   |   |       |
| #                 |                |          |   |   |   |   |       |



Step 6 – Extra page, if needed

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