Individual Code # \_\_\_\_\_\_\_

STEP 1. Identify Challenges

Read the Future Scene carefully and generate ideas for challenges, concerns, and possible related problems. Choose the 8 most important challenges and write them in the space provided. Writing in the margins will not be scored. One additional page for both challenges and solutions is provided (page 10).

|  |  |
| --- | --- |
| 1. |  |
|  |
| 2. |  |
|  |
| 3. |  |
|  |
| 4. |  |
|  |

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

**Writing in the margins will not be scored.**

|  |  |
| --- | --- |
| 5. |  |
|  |
| 6. |  |
|  |
| 7. |  |
|  |
| 8. |  |
|  |

 Individual Code # \_\_\_\_\_\_\_

**STEP 2. Select an Underlying Problem**

**Using the challenges listed in Step 1, identify a problem of major importance to the Future Scene situation. Write your Underlying Problem making sure your question clearly explains the action that will be taken and the desired results/goal of that action.**

**Writing in margins will not be scored.**

Challenge #(s)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
|  |

# STEP 3. Produce Solution Ideas

**Generate solution ideas to the Underlying Problem in Step 2. Choose the 8 most effective solutions and write the elaborated ideas in the space provided. Writing in margins will not be scored. One additional page for both challenges and solutions is provided. (page 10)**

|  |  |
| --- | --- |
| 1. |  |
|  |
| 2. |  |
|  |
| 3. |  |
|  |
| 4. |  |
|  |

Individual Code # \_\_\_\_\_\_\_

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

**Writing in the margins will not be scored.**

|  |  |
| --- | --- |
| 5. |  |
|  |
| 6. |  |
|  |
| 7. |  |
|  |
| 8. |  |
|  |

STEP 4. Select Criteria

**Generate criteria to determine which solution idea does the best job of solving the Underlying Problem and/or addressing the Future Scene situation. Select the 5 most important criteria for measuring solution ideas and write them in the spaces provided. Writing in margins will not be scored.**

|  |  |
| --- | --- |
| 1. |  |
|  |  |
| 2. |  |
|  |  |
| 3. |  |
|  |  |
| 4. |  |
|  |  |
| 5. |  |
|  |  |

**STEP 5. Apply Criteria**

**From the solution ideas written in Step 3, select the 5 ideas with the most potential to solve the Underlying Problem and list them on the grid. Use each criterion to rank the solutions on a scale from 1 (poorest) to 5 (best). The numerical ranking for one important criterion may be doubled.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Step 3 Sol’n #** | **Solution Ideas** | **Criteria** **1 2 3 4 5** | **Total** |
| # |  |  |  |  |  |  |  |
| # |  |  |  |  |  |  |  |
| # |  |  |  |  |  |  |  |
| # |  |  |  |  |  |  |  |
| # |  |  |  |  |  |  |  |

Individual Code # \_\_\_\_\_\_\_

**STEP 6. Develop an Action Plan**

**Develop your top-scoring solution idea into an Action Plan. Thoroughly explain how the Underlying Problem is solved, how the plan will be implemented, and how the Future Scene will be affected. Writing in margins will not be scored.**

|  |
| --- |
| *Solution # \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

**STEP 6 - Extension page, if needed**

**Writing in the margins will not be scored.**

|  |
| --- |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |

**Individual Code # \_\_\_\_\_\_\_**

**STEP 6 - Extension page for graphics, charts, pictures, or diagrams, if needed**

**Text should be limited to labeling.**

**STEP 1 Challenges and/or STEP 3 Solution Ideas - Extension page, if needed**

**Clearly label the Step and # of the idea being completed.**