

**STEP 1. Identify Challenges**

**Read the Future Scene carefully and generate ideas for challenges, concerns, and possible related problems. Choose the 16 most important challenges and write them in the space provided. Writing on reverse side or in margins will not be scored. One additional page for both challenges and solutions is provided. (Page 13)**

1.	
2.	
3.	
4.	

**STEP 1. Identify Challenges (continued)**  
**Writing on reverse side or in margins will not be scored.**

5.	
6.	
7.	
8.	

**STEP 1. Identify Challenges (continued)**  
**Writing on reverse side or in margins will not be scored.**

9.	
10.	
11.	
12.	

**STEP 1. Identify Challenges (continued)**  
**Writing on reverse side or in margins will not be scored.**

13.

14.

15.

16.

**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 on reverse side or 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 16 most effective solutions and write the elaborated ideas in the space provided. Writing on reverse side or in margins will not be scored. One additional page for both challenges and solutions is provided. (Page 14)**

1.	
2.	
3.	
4.	

**STEP 3. Produce Solution Ideas (continued)**  
**Writing on reverse side or in margins will not be scored.**

5.	
6.	
7.	
8.	

**STEP 3. Produce Solution Ideas (continued)**  
**Writing on reverse side or in margins will not be scored.**

9.	
10.	
11.	
12.	



**STEP 3. Produce Solution Ideas (continued)**  
**Writing on reverse side or in margins will not be scored.**

13.

14.

15.

16.

**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 on reverse side or 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 8 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 8 (best). The numerical ranking for one important criterion may be doubled.

Step 3 Sol'n #	Solution Idea	Criteria					Total
		1	2	3	4	5	
#							
#							
#							
#							
#							
#							
#							
#							



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

**Writing on reverse side or in margins will not be scored.**

A large rectangular area with a double-line border, containing 25 horizontal lines for writing. The lines are evenly spaced and extend across the width of the page, leaving a small margin at the top and bottom.

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

**Clearly label the Step and # of the idea being completed.  
Reverse side will not be scored.**