

Step 1. Identify Challenges

Do not identify yourself or your school in your booklet

Team ID # _____

Thoroughly read and discuss the future scene. Generate and write **16 key challenges** in the spaces provided; use clearly worded sentences, not questions. Only write on the front of the page and in the spaces provided; material written on the back of the page or on additional pages will NOT be scored. You have two (2) hours to complete the booklet. You may keep the pencil when you are finished.

Step 1. Identify Challenges

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Step 1. Identify Challenges (continued)

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Step 1. Identify Challenges (continued)

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Step 1. Identify Challenges (continued)

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Step 2. Determine an Underlying Problem

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Based on the challenges you listed in Step 1, identify one of major importance. Write your Underlying Problem in question form, begin with a condition phrase and include the stem, "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. Only write on the front of the page, material written on the back of the page or on additional pages will NOT be scored.

To show a connection between Steps 1 and 2, identify by number the Step 1 challenge(s) from which your Underlying Problem was developed.

(Optional)

Step 3. Solution Ideas

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Produce as many solution ideas as you can. Write your **16** 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 3. Solution Ideas (continued)

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Step 3. Solution Ideas (continued)

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Step 6. Develop an Action Plan

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The last task is to develop your solution idea into an action plan. Explain **what** the solution/plan will do, **how** it will work, **why** it will solve your Underlying Problem, and **how** it relates to the future scene. Only write on the front of the page, material written on the back of the page or on additional pages will NOT be scored.

Include a description of your action plan and how it will carry out the solution idea. You might consider some of the following concerns: **Who** will be involved? **What** actions will be taken? **When** and **where** will the plan be carried out? **How** will each criterion be significant? **How** might you overcome any obstacles?

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Solution # _____ (optional)

Step 6. Develop an Action Plan (continued)