

Combating Food Insecurity PROJECT DECISION MATRIX

Directions

- Teams have completed introductory and also background activities re: Food Scarcity and Waste, Nutrition, and Food Production (Days 4-6)
- Teams use Decision Matrix below to help decide on project
- Teams review information from background research and affinity mapping activities and consider options for Projects

For the chart on the next page:

1. The team creates a definition of the problem as a group activity
- 2. Each individual team member completes an analysis by:**
 - a. Describing 4 possible solution for #1
 - b. Circling or Highlighting all that are addressed #2
 - c. For #3, if you circle Yes, be prepared to list sources
 - d. For #4, rate for yourself
 - e. For #5-7, Rating each of the 4 solutions on a scale of 1-5 (5 being high and 1 being low) according to your estimate of the overall interest of the team.
3. After each team member completes page 2, and then the team meets together and completes 1 sheet for the TEAM for the Top 2 solutions.
4. Then turn to p. 3, to answer a few more questions.

Team _____

Date _____

Members _____

Decision Matrix

	Solution 1	Solution 2	Solution 3	Solution 4
1.Possible Solutions				
2.Which are addressed? <ul style="list-style-type: none"> • Food Scarcity • Food Waste • Water Risks • Food Production • Nutrition 	<ul style="list-style-type: none"> • Food Scarcity • Food Waste • Water Risks • Food Production • Nutrition 	<ul style="list-style-type: none"> • Food Scarcity • Food Waste • Water Risks • Food Production • Nutrition 	<ul style="list-style-type: none"> • Food Scarcity • Food Waste • Water Risks • Food Production • Nutrition 	<ul style="list-style-type: none"> • Food Scarcity • Food Waste • Water Risks • Food Production • Nutrition
3.Solution is supported by previous research	Yes or No	Yes or No	Yes or No	Yes or No
4.Degree of Interest of Team members	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
5.Willingness of team to invest time in pursuing this approach	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
6. How innovative is this solution?	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
7. How realistic is this solution?	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5

Decision Making Questions:

Review your top 2 solutions for your team

1. Will the solution address problems
 - a. In the US?
 - b. Internationally? If international, what regions of the world?

2. Is the solution one that involves a government, private (corporation), or civic responsibility?

3. Do you believe it is likely that a philanthropic or private organization would be interested in your solution? Which or why?

4. Has your solution been tried (maybe in a different form) anywhere? If so, what were the results?

5. Who would be helped by your solution?

6. How could the results of your solution be measured?

7. What are the pros and cons of each of the top 2 solutions: Fill out the table on the next page

	Solution 1	Solution 2
Describe solution		
Pros		
Cons		

8. The team consider its answers to questions #1-7 and chooses 1 solution to research

Now look at your top two solutions, and choose one.

- Write 3-5 sentences describing the problem and your proposed solution

- Write a rationale for your proposed project. Include why your team has decided to focus on the proposed solution and what you think is most important about your solution.

Your Decision Matrix and description of proposed solution and rationale should be approved by your teacher prior to continuing with your project.