**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Hr: \_\_\_\_\_\_\_ Assign. # 6**

**Problem Definition and Rating Sheet**

|  |
| --- |
| **Problem Statement** |
| **What is the BEST after school snack?** |

|  |
| --- |
| **Characteristics that the Solution Must Have** |
| **HALAL** | **(allergies)** | **Not spicy** |

|  |  |
| --- | --- |
| **Desirable Characteristics that we would like the solution to have** | **Ratings** |
| **0** | **1** | **2** |
| **SWEET** | **Not Sweet** | **Very Sweet** | **Kinda Sweet** |
| **Chewiness** | **Hard Candy** | **Dry but chewable?** | **Chewy** |
| **Saltiness** | **Salty** | **Kinda Salty** | **Not salty** |

**Decision Matrix**

|  |  |  |
| --- | --- | --- |
| **Characteristics of A Good Snack** | **Importance Value** | **Possible Solutions** |
| **A)** | **B)** | **C)** |
| **Rating** | **Score** | **Rating** | **Score** | **Rating** | **Score** |
| **Sweet** |  |  |  |  |  |  |  |
| **Chewy** |  |  |  |  |  |  |  |
| **Not Salty** |  |  |  |  |  |  |  |
|  | **Totals** |  |  |  |  |  |  |

**Which solution best addresses your problem? Why?**

**WRITE / ANSWER THESE QUESTIONS
ON THE BACK OF YOUR #6 PAGE**

1. **Why do you think you came to the decision you did?**
2. **How did the decision matrix help you to make decisions?**

**PLACE IN TURN IN BIN WHEN YOU ARE FINISHED :)**