**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** | | |
| **Must be Halal** | **No peanuts** | **No milk/cream (chocolate OK)** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Desirable Characteristics that we would like the solution to have** | **Ratings** | | |
| **0** | **1** | **2** |
| **SWEET** | **Not Sweet** | **VERY SWEET** | **KINDA SWEET** |
| **SALTY** | **VERY SALTY** | **KINDA SALTY** | **NO SALT** |
| **CRUNCHINESS** | **SOGGY** | **(DO NOT USE 1 AS A RATING)** | **CRUNCHY OR CHEWY** |

**Decision Matrix**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristics of  A Good Snack** | **Importance Value** | **Possible Solutions** | | | | | |
| 1. **AIR HEADS** | | 1. **FRUIT ROLL UPS** | | **C)** | |
| **Rating** | **Score** | **Rating** | **Score** | **Rating** | **Score** |
| **SWEET** | **8** | **1** |  |  |  |  |  |
| **SALTY** | **0** | **2** |  |  |  |  |  |
| **CRUNCHY** | **2** | **2** |  |  |  |  |  |
|  | **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?**
3. **Were the scores of each snack the same between groups that choose the same snacks? Why or Why Not?**

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