**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** | **No Walnuts / Cashews** | **No Peaches** |

|  |  |
| --- | --- |
| **Desirable Characteristics that we would like the solution to have** | **Ratings** |
| **0** | **1** | **2** |
| **Saltiness** | **No Salt** | **Has salt, but does not taste salty** | **Deliciously Salty :)** |
| **Not sweet** | **Sweet** | **Kinda Sweet** | **Not Sweet** |
| **Crunchy / Crispy** | **Soft, “MOIST” (ew) Soggy** | **Chewy** | **Crispy / Crunchy A+** |

**Decision Matrix**

|  |  |  |
| --- | --- | --- |
| **Characteristics of A Good Snack** | **Importance Value** | **Possible Solutions** |
| 1. **Belvita Crackers**
 | 1. **Sandwiches**
 | 1. **Chips**
 |
| **Rating** | **Score** | **Rating** | **Score** | **Rating** | **Score** |
| **Saltiness** | **5** | **1** |  |  |  |  |  |
| **Not Sweet** | **2** |  |  |  |  |  |  |
| **Crunchy / Crispy** | **3** |  |  |  |  |  |  |
|  | **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 :)**