**Current Environmental Conditions**:

* The area you live has experienced multiple years where the summer season is full of drought conditions. However, over the last year, the area has seen a sudden increase in rainfall.
* Due to increased pollution, the ozone layer is thinner, resulting in an increase of radiation.
* Scientists have reported a substantial decrease in the areas bee population.

**Objective**:

* Create a “super flower” that is best suited to survive in these current conditions.
* Modify 3 or more flower parts based on these conditions that will increase the likelihood of the flowers survival.
* Explain the modifications made and justify their necessity for survival.

**Super Flower Rubric**

|  |  |  |
| --- | --- | --- |
| **REQUIREMENTS** | **POINTS EARNED** | **POINTS POSSIBLE** |
| **Super flower has 3 or more modifications** |  | **10** |
| **Flower is drawn representing modifications**   * Neatness * Creativity * Use of color * Modified parts labeled |  | **30** |
| **Explanation of modifications**   * Fully explains ALL modifications * Complete sentences * Correct grammar usage |  | **30** |
| **Justification for survival**   * Fully reasons why modifications needed for survival * Complete sentences * Correct grammar |  | **30** |
| **TOTAL** |  | **100** |