**Candy Dichotomous Key Assignment**  Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Objective:** Create your own dichotomous key to classify different candies.

**Criteria:**

* All candy must be classified
* Use flow chart design
* All parts of the key should be dichotomous (2 choices) which may either lead to a candy or another set of choices.
* Choices should be clearly contrasting, alternatives
* Choices are based on PHYSICAL characteristics in each couplet. Eg. shape, colour, texture, coating, wrapper (in this case we can also use insides like: filling, taste).
* NAME each candy using BOTH common name AND binomial nomenclature (Genus species). Be creative and funny – often these names reflect characteristics of the species. Eg. Gummy Bear, *Ursus gelatinous*
* Some candies might have the same genus if they are more closely related.
* Can be done on the back of this sheet.

Assessment:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 |
| Each choice is dichotomous, and makes a clear distinction |  |  |  |  |
| Each candy is named with both common name AND appropriate, descriptive binomial nomenclature |  |  |  |  |
| Organization: Title, Neat, easy to read |  |  |  |  |

**Possible Candy:**

Skittles, M & M’s – regular, nut, mini, Reese’s Pieces

Sour Keys, Fuzzy Peaches, Gummy Bears

Hi Chews

Werther’s – soft, hard

Caramels

Jolly Ranchers

Easter eggs – wrapped, candy shell, filling

Hershey’s kisses



