

Jelly Belly's Dichotomous Key

You will need one jelly bean of each of the following flavors per group of students. If you can't find all of these flavors, don't worry. Just use the ones you can get. These are Jelly Belly's more common flavors. I get them at Target. Sometimes the colors vary slightly so try this out with your Jelly Belly samples first. If one doesn't fit the following color chart then don't use it.

Directions: Provide each group a cup with one each of the following Jelly Belly jelly beans, 1 answer sheet per group and 1 Dichotomous Key per student

Dr. Pepper	brown
Coconut	white
Cotton candy	pink
Juicy Pear	Green with dark green and/or light brown flecks
Red apple	red
Banana	yellow with brown specks
Toasted marshmallow	white with brown spots
Buttered popcorn	lt yellow with dark yellow spots
Carmel corn	lt yellow with brownish orange spots
Peach	golden yellow/orange with red spots
Tutti fruiti	Pink with multi-colored specks
Strawberry daiquiri	dark pink/rose with red flecks
Strawberry shortcake	lt pink with red spots

Jelly Belly Dichotomous Key Investigation

Student(s) _____ Date : _____

_____ Period: _____

Materials per group:

1 of each kind of jelly bean

Jelly Belly's Dichotomous Key

Directions:

Use the dichotomous key provided to identify the following jelly beans. Do not taste them until you have identified the bean. Then taste to check if you were right or not. If not, go back and try again.

	Color	Flavor
1.	brown	_____
2.	white	_____
3.	pink	_____
4.	green with dark green and/or light brown flecks	_____
5.	red	_____
6.	yellow with brown specks	_____
7.	white with brown spots	_____
8.	light yellow with dark yellow spots	_____
9.	light yellow with brownish orange spots	_____
10.	golden yellow/orange with red spots	_____
11.	pink with multi-colored specks	_____
12.	dark pink/rose with red flecks	_____

13. light pink with red spots

Jelly Belly Dichotomous Key

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|--|-----------------------|
| 1. Spots | Go to 5 |
| 1. No spots | Go to 2 |
| 2. Brown or White | Go to 3 |
| 2. Pink or Red | Go to 4 |
| 3. Brown | Dr. Pepper |
| 3. White | Coconut |
| 4. Pink | Cotton Candy |
| 4. Red | Apple |
| 5. Has pink | Go to 6 |
| 5. Has no pink | Go to 8 |
| 6. Has 1 or 2 different colored spots | Go to 7 |
| 6. Has 3 or more different colored spots | Tutti Frutti |
| 7. Is mostly light pink | Strawberry Cheesecake |
| 7. Is mostly dark pink | Strawberry Daiquiri |
| 8. Has green | Juicy Pear |
| 8. Has no green | Go to 9 |
| 9. Has brown spots | Go to 10 |
| 9. Has no brown spots | Go to 11 |
| 10. White with brown spots | Toasted marshmallow |
| 10. yellow with brown spots | Banana |
| 11. Has red spots | Peach |
| 11. Has yellow or orange spots | Go to 12 |
| 12. Has yellow spots | Buttered Popcorn |
| 12. Has orange spots | Caramel corn |