

Name: _____

Date: _____

Genes & Supertasters

Taste Smell Miracle Berry Safe Tastebuds

Using the words above, complete the sentences below

1. We taste food with our _____ and _____.
2. Our tongue has tiny dots called _____ that help us taste food.
3. Our taste is important because it keeps us _____.
4. A super taster has more _____.
5. The fruit _____ can help us taste more.

Experiment Time!

Write a hypothesis if you taste really strong or not and how many taste buds you will have on your tongue:

Hypothesis:

Vocab

Hypothesis: if _____,
then _____

If I do not tie my shoes, then
I will trip.

Materials Needed:

- 1 Blue Lollipop
- 1 Sour Lollipop
- Hole punched paper
- Magnifying glass
- 1 mberry Miracle Fruit Tablet



Procedure Part One

1. Pick a partner!
2. Eat the blue lollipop, yum!
3. Once your tongue is entirely blue, put the piece of paper on your tongue
4. Have your partner count the amount of taste buds you have in that circle. Careful, you may begin to drool
5. Switch turns!

Conclusion:

How many taste buds do you have?

Circle which taster you are:

Normal: 15-30

Supertaster: > 30

Nontaster: < 15

Procedure Part Two

6. Taste your sour lollipop! STOP after 15 seconds!
7. Place an mberry tablet on your tongue and pretend it is a mint!
8. Now, taste your sour lollipop
9. Record your observations below

What happened? _____

Conclusion: Did you and your partner have the same number of taste buds?
Was the lollipop sour or sweet?

