

Name _____

Date _____

TASTE EXPERIMENT

Experiments are a wonderful way to understand the world around you! While data and numbers help us see the world outside of ourselves, running experiments and testing ideas allows us to learn and appreciate our world for ourselves. This experiment explores how our senses and brain work together!

Have an adult help you fill four cups separately with:

- sugar + water
- lemon juice + water
- salt + water
- grapefruit juice

Use a cotton swab to test each liquid on your tongue.

Circle the kind of flavor each liquid tasted most like below.

sugar + water

- 1) bitter
- 2) salty
- 3) sour
- 4) sweet

lemon juice + water

- 1) bitter
- 2) salty
- 3) sour
- 4) sweet

salt + water

- 1) bitter
- 2) salty
- 3) sour
- 4) sweet

grapefruit juice

- 1) bitter
- 2) salty
- 3) sour
- 4) sweet

After each test, mark where you tasted each liquid on your tongue using the color chart below!

ORANGE

Bitter

RED

Salty

BLUE

Sour

PURPLE

Sweet

