



Science Experiment: Tasty Sight

Project: Food Science, Health

Supplies:

Variety of flavored water (all clear)
Food coloring (optional)
Water (may want to use one for a sample)
Cups – small. Four cups (or how many different samples) per person.
Plain water or crackers to clear taste buds.
Blindfolds (optional)

Time:

15-20 minutes

What to Do:

Number cups for samples (or code so you know what flavor is in each cup).
When the liquids are all clear – people have a difficult time figuring out what flavor it is they are tasting.
You may also change the color of one of the flavors. For example – we made the orange flavored water green.
Give each person a sample of the water. Have them record the flavor. Have them drink plain water or eat a cracker before tasting the next sample.

Reflect:

Were you able to identify the flavors correctly?
Were you able to identify the flavor of the water with color correctly?
What role did your vision play in identifying flavors?

Apply:

How could this change the way someone that is blind would taste?
How do advertisers use sight to make us want to purchase their products?
Can you think of a commercial for food that looked so good it made your mouth water or made you want the food? Share what it was and what about how it looked made you want it.

<https://faculty.washington.edu/chudler/chtaste.html>