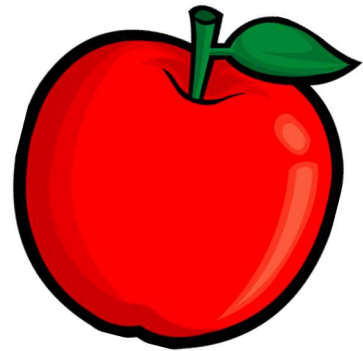


Fool Your Taste Buds

You will need:

- Cotton wool
- Apple
- Vanilla extract



Instructions:

1. Take a bite out of the apple and pay attention to the taste. How does it taste? Is it bitter or sweet?
2. Put a few drops of vanilla extract on the cotton wool, hold it near your nose and take another bite out of the apple.
3. Continue smelling the cotton wool as you chew the apple. Does the apple taste the same as before?
4. Fill in the table below.

What I did:

What happened:

What I learned:

Explanation: If you were paying close attention, you would notice the first bite tastes as an apple should, but the second one seems to taste like vanilla. That is because the nerve endings on your tongue can recognize only salty, bitter and sweet tastes. Other sensations are caused by the sense of smell. The smell of vanilla happened to be stronger than the smell of the apple, therefore the apple 'tasted of vanilla'.