

Taste Testing

A Cross-Curricular Unit on Taste Buds

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Understanding What You Read



Label each statement below **T** if it is true and **F** if it is false.

- _____ 1. The sense of taste is formed by taste buds alone.
- _____ 2. Olfactory receptors are located in the nose.
- _____ 3. Smoking can damage taste buds.
- _____ 4. Young people have fewer working taste buds.
- _____ 5. Damaged taste buds can never be replaced.
- _____ 6. Taste buds can sense only three different flavors.



Vocabulary Builder



Words that sound the same but have different meanings are called homonyms. For each of the words listed below, write sentences showing that you know the meanings of both words.

- 1. flower _____
flour _____
- 2. need _____
knead _____
- 3. chili _____
chilly _____
- 4. two _____
too _____
to _____
- 5. cell _____
sell _____

Tell Your Own Story



Choose one of your five senses—tasting, hearing, seeing, touching, or smelling—and write a poem about how it benefits you. _____

Figure it Out!



Chickens have only 45 taste buds. Dogs have 2,000. People have 10,000. Catfish have 100,000! Make a bar graph that shows the relative numbers of the species.

1. If your taste buds are replaced every two weeks, about how many times a year are they replaced? _____
2. How many times more taste buds do humans have than dogs? _____
3. Write a fraction that shows the relationship of the number of taste buds that humans have to the number that catfish have. _____