

# 1

# How do we hear, smell and taste?

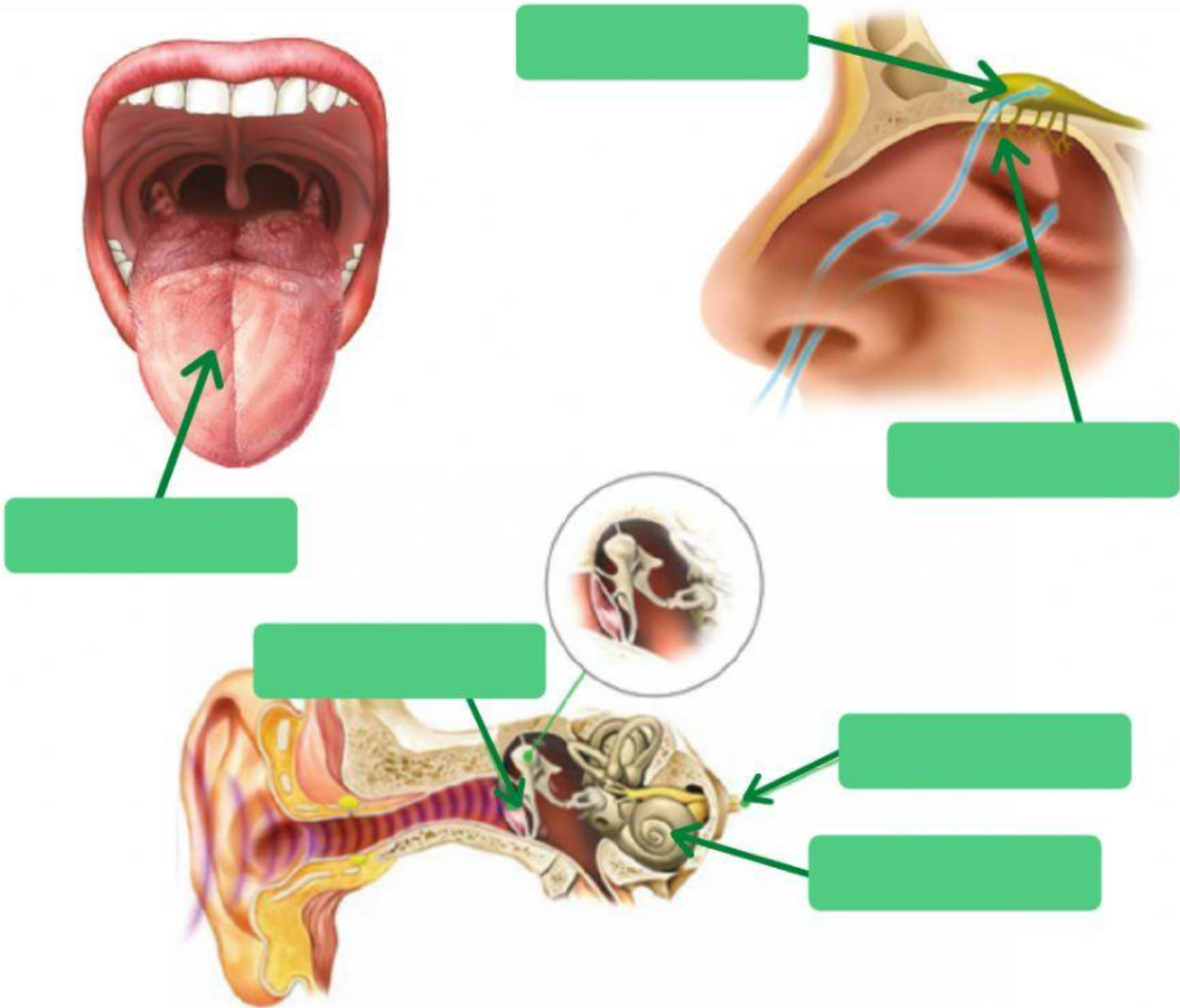


➔ Taste or smell? Write T (taste) or S (smell).

1. Chemicals in food and drink mix with saliva. T
2. Tiny particles enter the nasal passages.
3. Olfactory cells send nerve impulses to the olfactory nerve.
4. Gustatory nerves transmit nerve impulses to the brain.

➔ Label the diagrams.

Eardrum      Olfactory nerve      Cochlea      Olfactory cells      Auditory nerve      Tastebuds





Write T (true) or F (false).

- a) Sound waves go into our ear and hit the eardrum.  T
- b) The eardrum makes the auditory nerve vibrates too.
- c) The cochlea detects the vibrations and produces nerve impulses.
- d) The auditory nerve transmit the nerve impulses to the brain.
- e) The gases go into your olfactory cells.
- f) The olfactory cells send nerve impulses to the olfactory nerve.
- g) The olfactory nerve transmits the impulses to the brain.
- h) The tiny bumps on your tongue are called cochlea.
- i) Tastebuds can detect special chemicals in food and drinks.
- j) The tastebuds produce nerve impulses and transmit them to the saliva.
- k) The gustatory nerves transmit the impulses to the brain.