1 How do we hear, smell and taste?

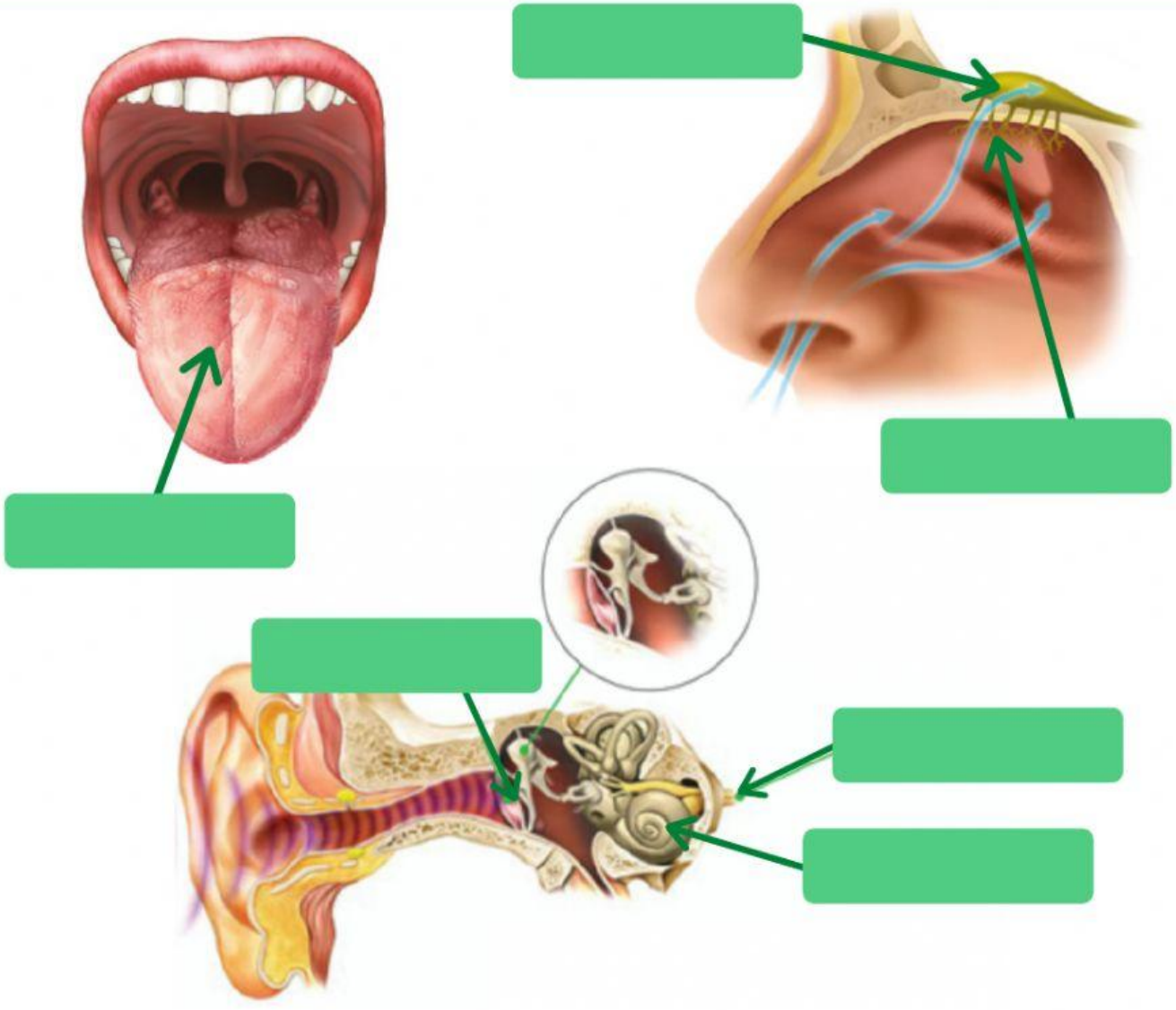


Taste or smell? Write T (taste) or S (smell).

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.	
le) 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.	