

Interaction

WORKSHEET 1.4

How do we taste and smell?

1 Complete the table

Sense of smell	Sense of taste
Nasal passages Olfactory nerve Olfactory cells Nose	Mouth Tastebuds Gustatory nerves Saliva Tongue

2. Order the sentences to describe the sense of smell and taste.

- 2 Olfactory cells detect the particles.
- 1 Tiny particles in the air enter the nasal passages.
- 4 Finally, the olfactory nerve transmits the information to the brain.
- 3 Then, they send nerve impulses to the olfactory nerve.

- 3 They produce nerve impulses and transmit them to the gustatory nerves.

- 1 Chemicals in the food we eat mix with saliva.
- 2 The taste buds detect chemicals in the food we eat.
- 4 The gustatory nerves transmit the information to the brain.

3. Make a senses mind map. Include three things for each sense.

Student's own answers

