

THE SENSES

COMPLETE THE GAPS IN THE SENTENCES.
USE PAGES 10 AND 11 TO HELP YOU.



1. Light enters the eye through the _____ and passes through a black spot called the _____.
2. The coloured part of the eye is a muscle called the _____. We inherit the colour of our iris from our parents through DNA (ADN). It contracts and relaxes to control how much _____ can enter the eye.

3. Nerves in the retina detect light and send _____ to the _____ nerve. From this nerve, signals travel to the brain.

4. Sound _____ travel into the outer ear and into the _____ canal. Here, they pass to a thin piece of tissue called the eardrum.

5. The eardrum _____ to make three small bones called the _____ move.

6. The _____ is in the inner ear. It looks like a snail, and it detects movement in the ossicles. Movement is changed into electrical signals inside of the cochlea.

7. Electrical signals travel through the _____ nerve to the _____.



8. _____ particles in the air are breathed into the _____.

9. Inside the nostrils, there are special cells called _____ receptors.

10. Electrical signals travel to the _____ bulb behind the eye, then to the brain.

11. The tongue is covered in little tubes called taste _____. These receptors can detect _____ different flavours: sweet, _____, bitter, salty and umami (savory).

12. Electrical signals travel from the mouth to the brain by _____ nerves.

