

The 5 Senses

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CEREBRUM!

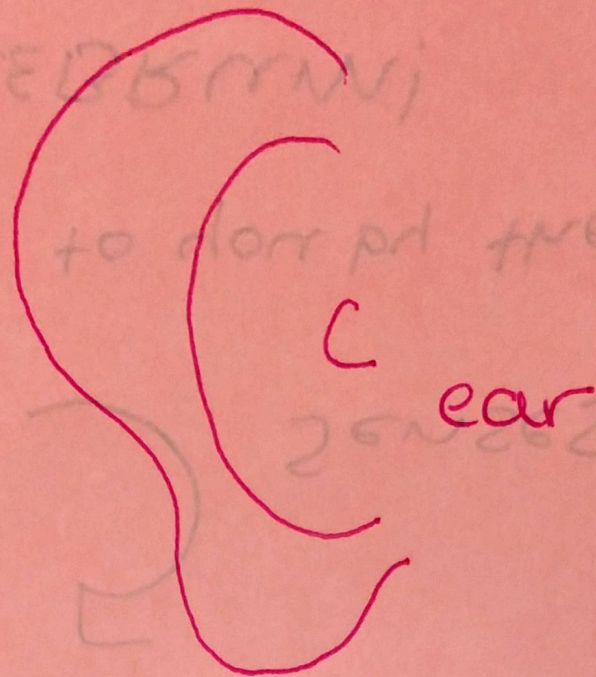
Sound

Sight

Touch

Taste

Smell



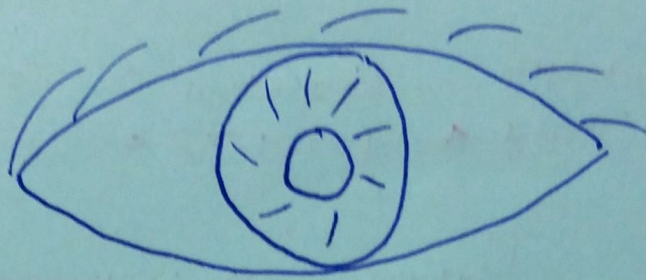
Type of cell: Cochlear cells

what it is/does: coiled tube
essential to hearing

Vibrations (sound waves) → Electrical impulses → Brain interprets

*Cochlear implants

Sound



Type of cell: Retina cells /
Optic Nerve

What it is / does: light sensitive
Cells at the back of the eye

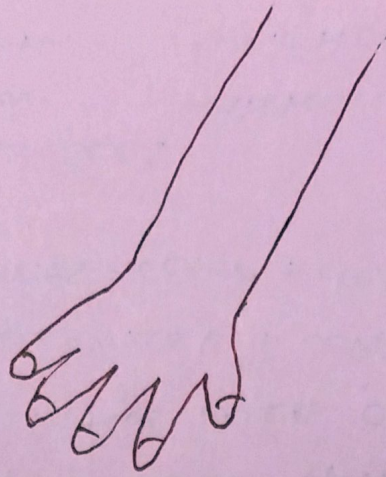
- Rods = black + white
- Cones = color + detail

Lets us see:

- color
- distance
- depth
- motion

* Blink Reflex

Sight



Type of cells: Sensory
receptors (neurons)

what it is/does: responds
to heat, cold, touch,
pressure, pain etc.

* Reflexes

Touch



Type of cells: Papillae

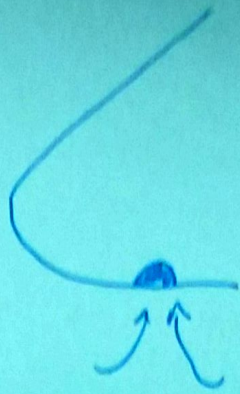
what it is/does: the tongue is covered in papillae, these contain taste buds which contain taste cells

Taste cells detect:

- sweet
- sour
- salty
- bitter

*Super tasters

Taste



Type of cells: Olfactory cells

what it is/does: responds to chemicals in the air

- Humans can detect over 1 trillion scents
- Your sense of smell increases when you're hungry
- Your sense of smell "shuts off" when you're asleep

*super sniffers

Smell