

## THE FIVE SENSES



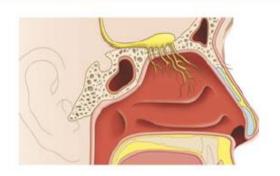








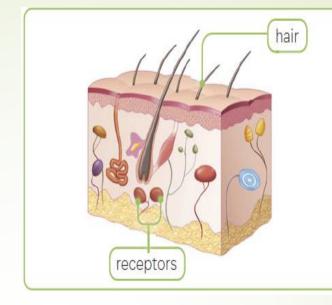
### How they work?



The olfactory receptors are in an area of the nose called the pituitary gland.

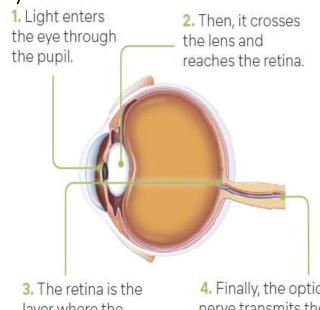


The **taste buds** of the tongue detect different flavours.



The **touch receptors** are distributed throughout the skin and our body uses them to detect cold, heat, pain, pressure and textures.

#### Eyes and ears:

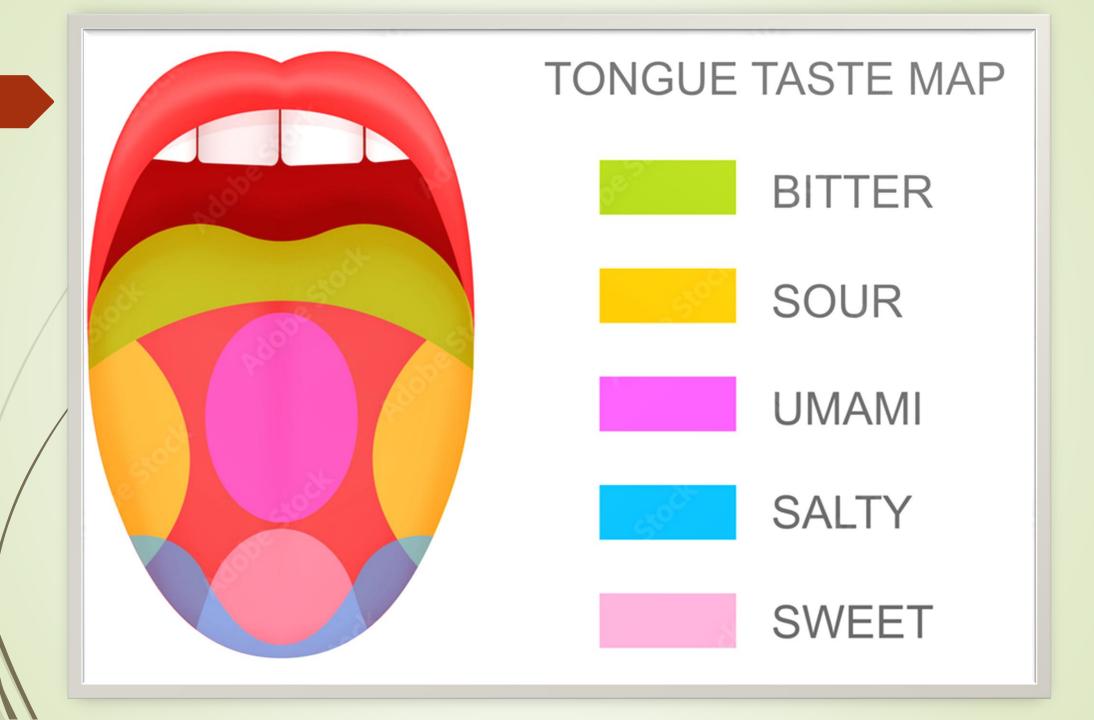


layer where the image is formed. 4. Finally, the optic nerve transmits the information from the retina to the brain.

5. The outer ear 6. Next, the sound is the part that crosses the ear canal, receives the sound. up to the eardrum.

7. Then, the small bones transmit the sound to the cochlea.

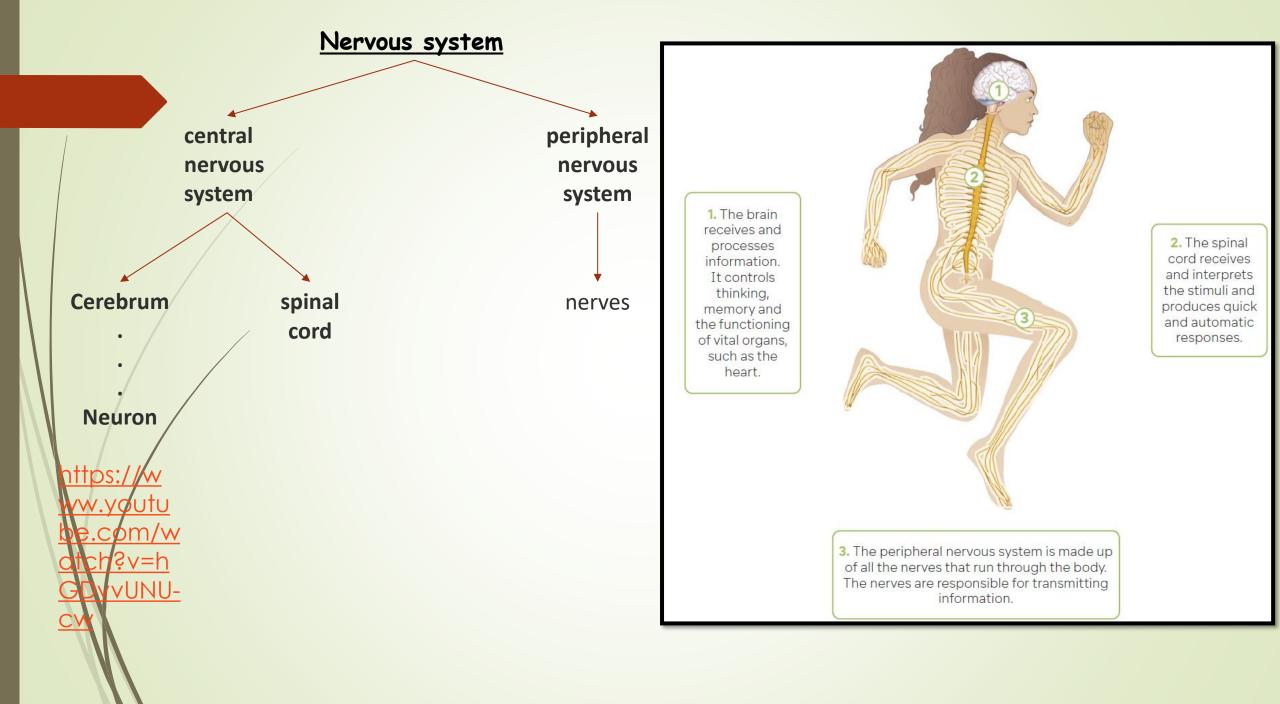
8. The cochlea is connected to the brain through the auditory nerve.



## NERVOUS SYSTEM AND EFFECTOR ORGANS

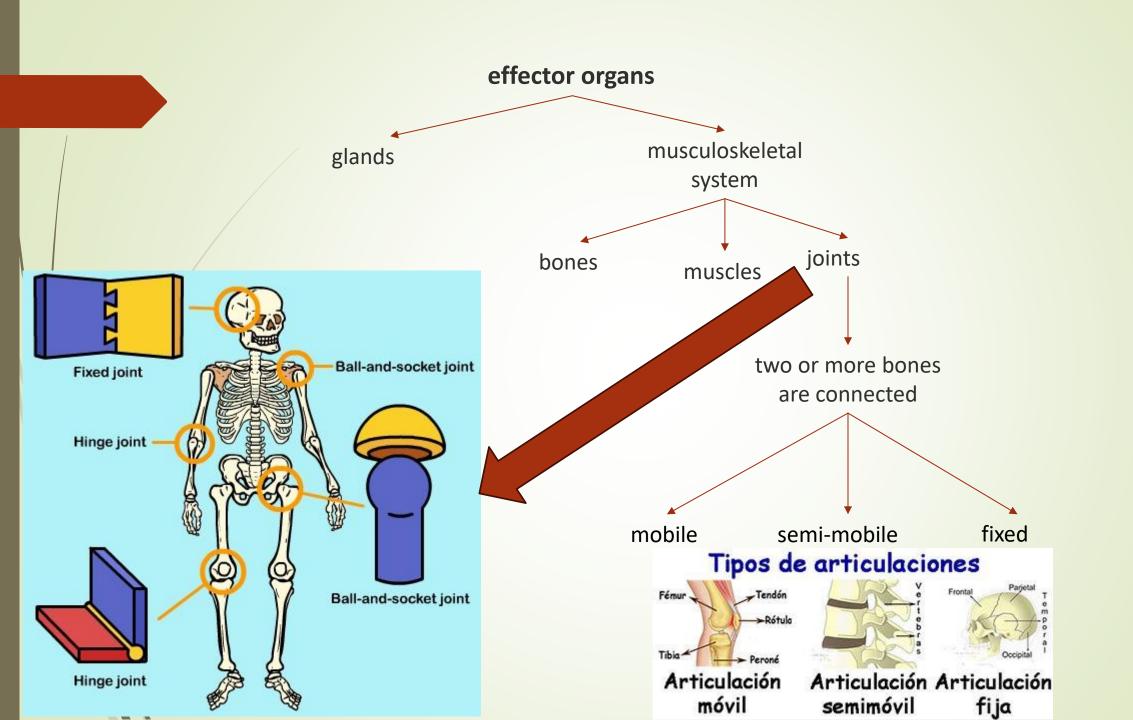
receives and processes information about stimuli before sending it to the corresponding effector organ

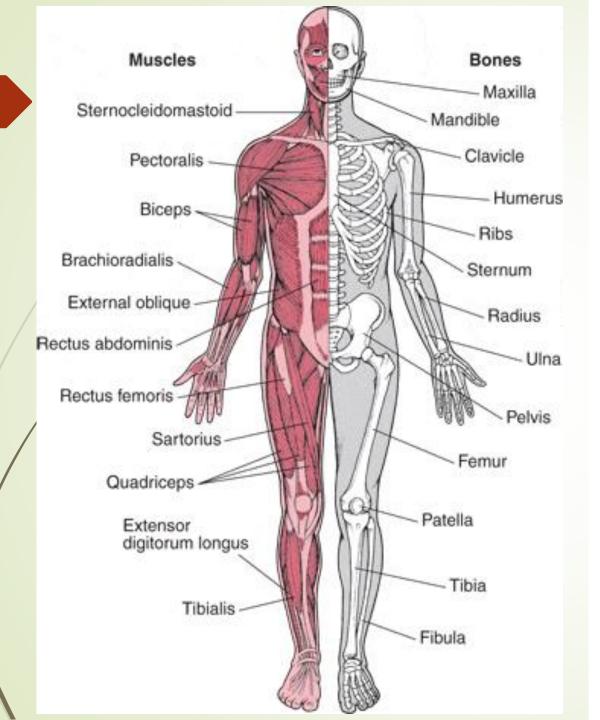
produce a response to the stimuli

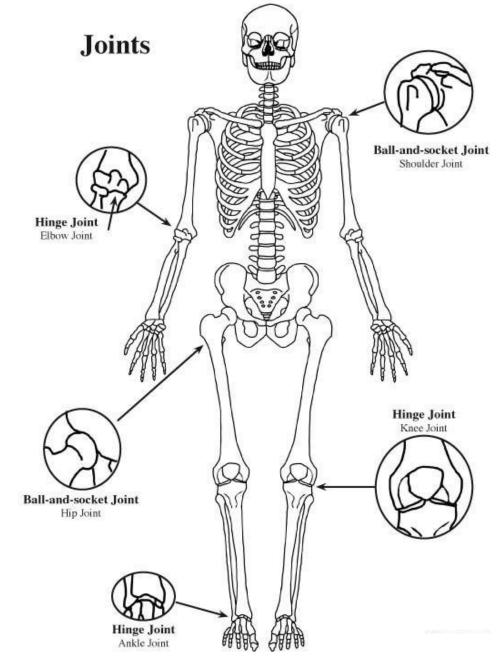


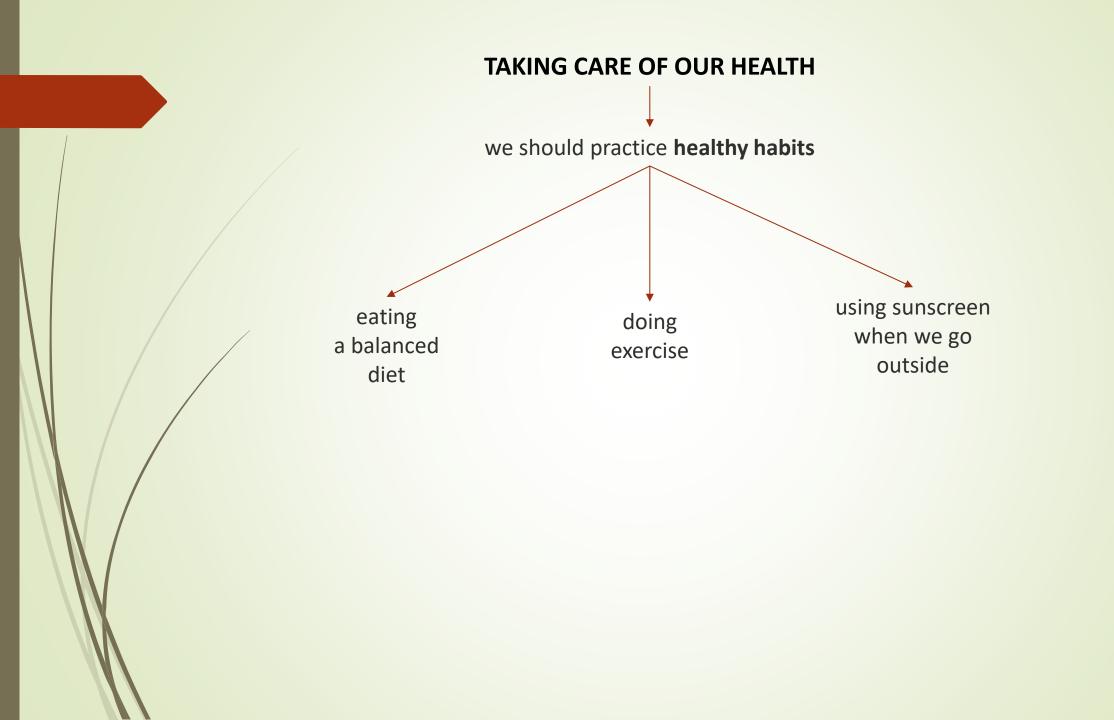
• The **brain** controls many important functions in the body. The brain receives and processes information. It controls thinking, memory and the functioning of vital organs like heart.

 The spinal cord connects the brain to nerves throughout most of the body. This allows the brain to send messages to the rest of the body, interpreting the stimuli and producing a quick and automatic response.









# Healthy habits



Have friends



Avoid injuries



Practice sports



Get enough sleep



Have a balanced diet



Prevent accidents

### harmful substances can damage our health

Some drugs, such as cocaine, heroin and pills, can get absorbed into the blood and affect all parts of the body.







#### **DIGITAL WORLD RULES**







