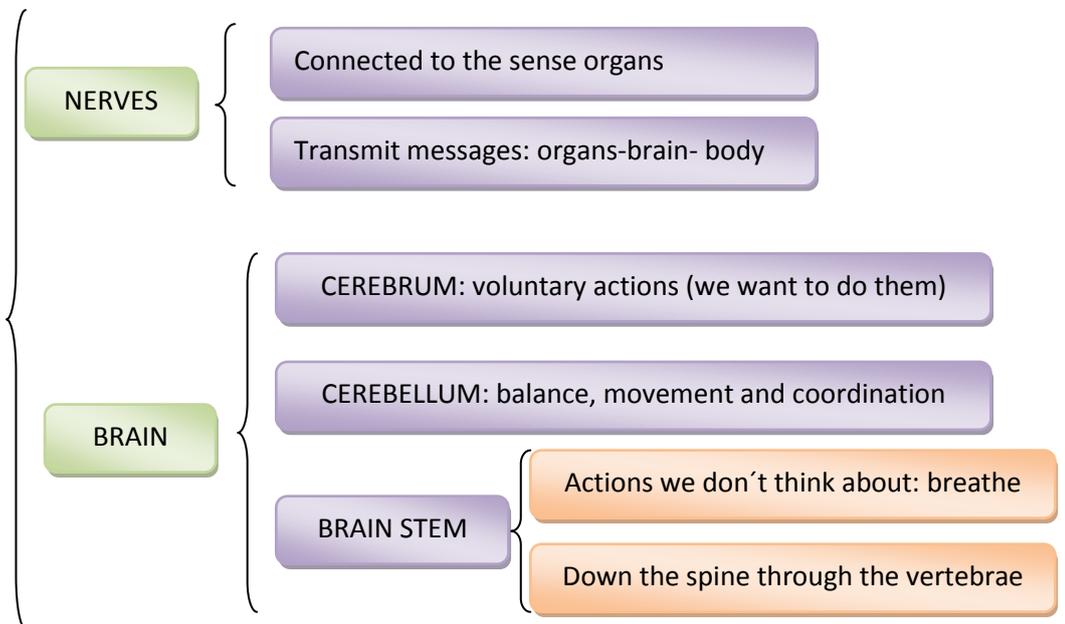


**THE NERVOUS SYSTEM:**  
Controls what we **do**,  
allows us to **interact** and  
keeps us **safe**.



**SENSES:** They tell us about the **world** around us and help us to **interact** with our environment.

## SIGHT > EYES

We can see shapes, sizes and colours

### Parts

Inside = see

Pupils are black

Irish can be different colours

Retina makes images upside down

Outside = protect

Eyelid, eyebrow, eyelashes

### How

Light reflects off objects and enters the eye: pupil

Image in the retina upside down

Retina sends information to the brain

Brain reads and informs about what we see

## HEARING

We can hear loud or quiet sounds

### Parts

Outer ear: canal

Middle ear: eardrum

Inner ear: cochlea

### How

Sound waves enter through the outer ear

Waves hit the eardrum and make it vibrate

Liquid in the inner ear moves and send signals to brain

Brain reads and informs about what we see

## TOUCH

Skin tells if something feels hot/cold, soft/hard or smooth/rough

### How

Sensory nerves in the skin send information to brain

The brain reads and informs about what to do

**SENSES:** They tell us about the **world** around us and help us to **interact** with our environment.

**SMELL**

We can smell good or bad smells

**Parts**

nostrils

Olfactory nerves

**How**

Air enters the nose through the nostrils

Olfactory nerves send signals to brain

**TASTE**

We can identify four tastes: sweet, salty, bitter and sour

**Parts**

Taste buds

**How**

Taste buds identify tastes.

Nerves send information to the brain