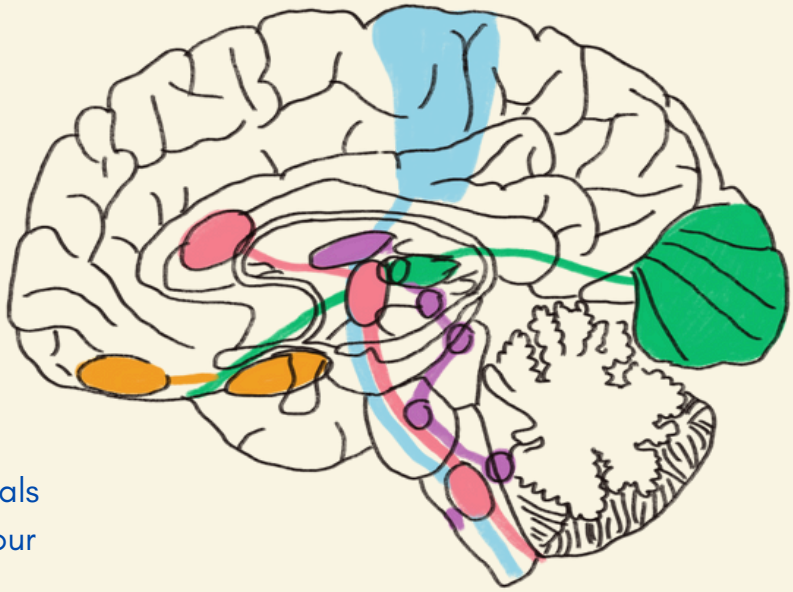
SENSES & THE BRAIN

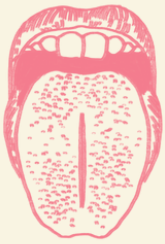
We use our senses to understand and experience the world around us. Smelling, tasting, touching, hearing, and seeing are ways we collect information and use our brains!

Look to see where our sense organs make connections to the brain!
Pathways are made of NEURONS

Smell

Stinky socks! Fresh cookies! Odor chemicals trigger signals from your nose to your brain





Taste

Yummy! Taste buds interact with food and flavors, sending information about the eating experience to the brain

Hearing

Sound waves make vibrations inside your ear which send signals to your brain

Touch

When we touch surfaces like soft carpets or rough rocks, information about it is sent to the brain

Vision

We are able to see things because visible light touches the back of the eye (called the retina) and sends a signal to the brain

Infographic by Hannah Pon

References:
Purves, D. (2018). Neuroscience (6th ed.). Oxford University Press.