Cheatography

Psyc 101 taste and smell Cheat Sheet by Laraemcekroy via cheatography.com/168079/cs/35133/

Sensing sound		How we experience taste		Outer ear funnels:	Food percep	tion
Pure tone:	A simple wave that consists of regularly altern- ating regions of higher and lower	Stimuli:	When you bite into something, molecules dissolve in fluid on your tongue.	Outro far Male far Series far Areas For any and a series far any and a series far any	- A multi sensory involving taste, - A multi sensory involving ta	
frequency:	air pressure. The sound wave depends on how often the peak in air pressure passes the ear or microphone, measured in cycles per second.	Receptors:	They are received by taste receptors in taste buds on your tongue and in	 the outer ear collects sound waves and funnels them towards the middle ear the middle ear transmits the vibrations to the inner ear the inner ear is where they are transduce into neural impulses the middle of the ear behind the eardrum contains three small bones called ossicles the outer area of the ear is called the pinna 		
					Sound into neural impulses	
		Pathway to the brain:	your mouth and throat. The taste buds transmits the single along a cranial nerve, through the thalamus to other areas of your		Cochlea:	A fluid-filled tube containing cells that transduce sound vibrations into neural
Pitch:	n: How high or low a					impulses.
amplitude: Sou to i rela thre hur per	sound is. Sound wave refers to its intensity, relative to the threshold for human hearing. It's perceived as				Basilar membrane:	A structure in the inner ear that moves up and
		brain. Perceiving taste: - Individual differences in taste perception:		Sensing touch - touch receptors under the skins surface enable us to sense		down in time with the vibrations relayed from the ossicles.
	perception of timbre.	commonly think of as taste actually comes from the sense of		that signal	Inner hair cells:	Specialized auditory receptor
timbre:	The quality of sound that allows you to distinguish two sources with the same pitch and loudness.	smell - 5 basic tas ~ Salt, sour, savoury (um	es: bitter, sweet, ami)	cranial nerve through the thalamus to the area of the somatosensory cortex that processes the body parts that were touched		neurons embedded in the basilar membrane.

By Laraemcekroy

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Somatosensation				
The body senses are referred to				
as the so	matosenses	~ /		
Haptic	Active exploration of	cor		
percep	the environment by			
tion:	touching and grasping	Se		
	objects with our	Se		
	hands.			
Body pos	sition			
Propri-	Sense of the body			
oception:	position.			
Vestibula	ar Three fluid-filled			
system:	semicircular canals	Tra		
	and adjacent	uct		
	organs located next			
	to the cochlea in			
	each inner ear;			
	used with visual			
	teedback to			
	maintain balance.	Pe		
		tior		

Neural impulses to the brain

Action potentials in the auditory nerve travel to several regions of the brain stem in turn.
Cerebral called area A1 - there

is some evidence that the auditory cortex is composed of two distinct streams. Roughly analogous to the dorsal and ventral streams of the visual system.



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Area A1: the primary auditory tex in the temporal lobe					
nsation to	perception				
nsation:	Pressure waves in the cochlea move the basilar membrane stimul- ating the sensory receptors called hair cells.				
ansd- .ion:	When the hair cells bend, they convert the pressure waves into signals that are sent to the brain by the auditory nerve.				
rcep- n:	The auditory nerve carries the neural signal first to the thalamus and then to the primary auditory cortex, which processes your perception of the sound.				

ural impulses to the brain

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