

<u>Across</u>

1. perception of the body position

3. spinning sensation

11. fluid-filled, snail-shaped structure that contains the sensory receptor cells of the auditory system

16. visible part of the ear that protrudes from the head

18. conversion from the sensory stimulus energy to action potential

 ${\bf 19.}\ {\rm middle}\ {\rm ear}\ {\rm ossicle};$ also known as the anvil

21. chemical message sent by another individual

22. specialized photoreceptor that works well in low light conditions

23. cycles per second; measure of frequency

24. lowest point of a wave

25. transparent covering over the eye

26. curved transparent structure that provides additional focus for light entering the eye

27. contributes to our ability to maintain balance and body posture

29. what happens when sensory information is detected by a sensory receptor

 ${\bf 30.}\ {\rm sensory}\ {\rm signal}\ {\rm indicating}\ {\rm potential}\ {\rm harm}\ {\rm and}\ {\rm maybe}\ {\rm pain}$

<u>Down</u>

2. colored portion of the eye

 touch receptor that detects transient pressure and higher frequency vibrations
middle ear ossicle; also known as the stirrup

- 6. number of waves that pass a given point
- in a given time period
- 7. height of a wave

8. eardrum

9. point where we can not respond to visual information in the portion of the visual field

10. bulb-like structure at the tip of the frontal lob, where the olfactory nerves begin12. carries visual information from the retina to the brain

13. perception of the body's movement through space

14. middle ear ossicle; also known as the hammer

15. way that sensory information is interpreted and consciously experienced

17. sounds purity

20. small indentation in the retina that contains cones

28. taste for monosodium glutamate