

What aspects of the Virtual Brain activities contributed to your learning? If you have comments that are specific to the visual or auditory system, please indicate which system you are discussing.

Responses with “–” indicate no response was provided. Responses were edited for spelling/grammar, otherwise, responses are exactly as provided by students.

1. The entire experience was helpful as a whole, as it gave me a basis for how to visualize the visual/auditory systems in the future when thinking about it on exams.
2. For both, I found that the activity helped provide a nice 3D view on how the info goes through the brain.
3. Having the color coordination of inputs + class discussion about what we saw
4. The virtual brain's visual images and corresponding explanations were nice and helped me a lot – especially since I'm a very visual learner
5. It was really cool to visualize the actual process. More than anything it made the learning more engaging and exciting (auditory)
6. I am a visual learner it helped me grasp on the class ideas/context better, and it all connected. I enjoyed the experience, just wished I was able to write notes on the content presented on the visual system.
7. (visual) Being able to see a 3-D representation really helped, as I'm a visual learner, and It's pretty close to having a physical brain to look at
8. Learn the pathways & locations on a 3D model rather than seeing it 2D in a textbook.
9. The 3D modeling of the neural system
10. Being able to explore in 3D was helpful for learning about the locations and I think helped me mentally visualize when studying.
11. --
12. --
13. It was helpful to be able to see the pathway throughout the brain.
14. Both were very useful for visualizing where the structures were in the brain.
15. Seeing the locations of the brain regions and the pathway of visual and auditory info
16. Traveling along the pathway
17. The way in which info about the visual system was harder to follow than the auditory system
18. I liked the multiple perspectives from which you could view the brain structures
19. The visual/auditory walkthrough of both systems helped to solidify concepts in my mind & helped with recall in later tests/discussion

20. I think that “physically” moving across the pathways in VR was helpful to conceptualize the pathways taken by visual information.
21. Having the walkthrough with the audio narration helped me learn and understand both systems better.
22. Visual learning
23. Virtual brain for both auditory and visual systems was helpful in visualizing how info moved, especially in understand how L and R inputs interacted.
24. I enjoyed the ability to visually be walked through the pathways for the visual and auditory systems.
25. Gives a visual representation of the brain.
26. Both the visual & auditory system activities helped me to better understand the location and connections between the anatomy of the system and how each part works with the rest of the system
27. With both visual brain activities, it helped to associate functions of structures with their place in the brain
28. Actively moving through a reconstructed model gave me better grounding in the learning of both auditory and visual systems. I had a tangible and sensory-rich experience to relate my abstract knowledge to.
29. Helped give easy visual understanding / gave 3D representation which helps with placement
30. How the camera followed the pathway
31. The color coding and clear visualization, as well as the thorough yet concise explanation
32. It definitely made the learning process more visual, and because I’m a visual learner, I benefited from it
33. “Walking” through the brain and looking at the structures and where they are really helped me remember the gross anatomy of the auditory system
34. It was helpful to see how one part led to another and the flow of info
35. The fact that it was color-coded helped a lot. It helped visualize some otherwise pretty abstract concepts.
36. The diagrams and the ability to view the pathways from different angles in 3D
37. The zoomed out image of the auditory system was extremely beneficial. When I close my eyes I can still picture the layout.
38. NA
39. I think moving along the pathway was very beneficial
40. Cool, fun activity
41. It was nice to visualize the pathway inside the brain in 3D, rather than 2D on a piece of paper.

- 42. It was helpful to for learning about different aspect of the two system
- 43. Being able to fully visualize the systems really helped (I'm a visual learner) and interact with them in a 3D manner was helpful as well. Both visual and auditory systems were great.
- 44. Good visual. Decent pathing/modelling
- 45. Helpful for demonstrating specific brain regions that are involved in processing
- 46. Being able to see the brain regions involved was helpful; I also liked the brief explanations
- 47. The identification of the brain parts in the auditory system was significant.
- 48. 3D tour of where parts are in brain (visual VR)
- 49. The virtual brain helped me solidify the terms in the class and how they all connected to one another.
- 50. Seeing the brain areas in another way, 3D is more graspable than 2D or a list.
- 51. The process was very useful, very good
- 52. Being able to visualize the path of an auditory signal was helpful.
- 53. Visualizing the orientation of the brain areas involved in vision and audition