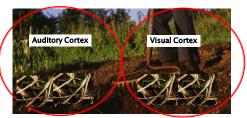


Brain Development - why hearing aids can't wait

- Due to prenatal development, each neuron in the brain has approximately 2,500 synapses, or connections.
- Consider the auditory / visual cortex as early roots in a spring garden, ready to grow.

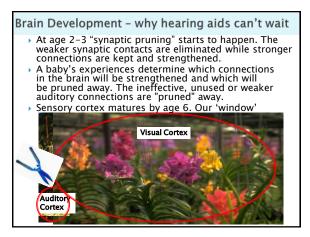




Brain Development - why hearing aids can't wait

- Consider the auditory and visual cortex as neighboring gardens in the same yard.
- The stimulation will drive the growth of the synapses from each of the neurons
- Without constant stimulation, the auditory cortex is minimized and visual cortex enhanced.







Brain access tools

- The best predictors of verbal language skill development are
- the child's age when full time hearing aid use started
- the degree of the child's hearing loss
- the amount of his/her exposure to meaningful listening experiences.
- Using technology, hearing ability must be provided as close to the typical hearing level as possible if the family wants the child to learn to listen and use spoken language.