**Sensory System**

1. Sensory Receptors
   1. Interoreceptors
   2. Exteroreceptors
   3. Chemoreceptors
   4. Photoreceptors
   5. Thermoreceptors
   6. Proprioceptor
   7. Cutaneous Receptor
   8. Pain Receptors
2. How Sensation Occurs
   1. Sensory Transduction
      1. Some stimulus is converted into a nerve signal
      2. The sensation is perceived by the brain
3. Sense of Taste (Gustation)
   1. Taste buds contain Chemoreceptors = Gustatory Receptors
      1. Sour
      2. Sweet
      3. Salty
      4. Bitter
4. Sense of Smell (Olfaction)
   1. Chemoreceptors in the Nose = Olfactory Receptors
   2. 80% of what we taste is actually what we smell
5. Vision
   1. Anatomy of the Eye
      1. 3 Layers
         1. External Layer
            1. Cornea

Function

* + - * 1. Sclera

Function

* + - 1. Middle Layer
         1. Choroid

Function

* + - 1. Internal Layer
         1. Retina

Function

* + 1. Posterior Chamber
       1. Vitreous Humor
          1. Function
          2. Detached Retina
    2. Anterior Chamber
       1. Aqueous Humor
          1. Function
          2. Glaucoma
    3. Lens
       1. Function
       2. Visual Accommodation
       3. Cataracts
    4. Pupil
       1. Constriction
       2. Dilation
    5. Visual Problems
       1. Hyperopia
       2. Myopia
       3. Astigmatism
    6. Sense of Vision
       1. Rods
          1. Function
       2. Cones
          1. Function
       3. Color Blindness
  1. Sense of Hearing
     1. Anatomy of the Ear
        1. Outer Ear
           1. Pinna

Function

* + - * 1. External Auditory Canal

Function

* + - 1. Middle Ear
         1. Eustachian Tube

Function

* + - * 1. Ossicles

Names of all 3 bones

Function

* + - * 1. Tympanic Membrane

Function

* + - 1. Inner Ear (Cochlea)
         1. Location of Neurons for Sound