

Unit 3: Brain Dump

Use the two color strategy to create a chapter on a page. Color one is knowledge without looking back at book and notes. Second color is for items you looked up or asked others about

- Use the term dual processing to explain and give an example of dual processing errors and blindness
- State and define the three thresholds and give a real life example of each taking place. Describe how signal detection theory and power of suggestion influence these thresholds
- Discuss the definition of transduction and where it takes place in all five major senses
- Describe the path of light through the eye including the structure and meaning of the light wave
- Use your knowledge of the anatomy of the eye to discuss the process of accommodation
- Use your knowledge of the anatomy of the eye to explain how we see color, black and white, and a blindspot
- Use the following to explain color vision: young helmholtz trichromatic theory, cones, the fovea, the opponent process theory, afterimage
- Explain the difference between sensory adaptation and perceptual adaptation
- Explain why parallel processing and feature detectors enhance vision
- Explain depth perception in terms of retinal disparity and convergence
- Explain top down processing in terms of perceptual set, context, motivation, and emotion in an example of each
- Explain perceptual organization by giving examples of each of the Gestalt principles
- Explain the difference between binocular and monocular cues by giving an example of each
- Explain the anatomy of the ear in terms of outer, middle, and inner ear
- Describe the difference between a soundwave and lightwave wavelength and amplitude
- How do the different theories of how we hear pitch differ from one another
- Describe the sensory interaction of smell and taste using the anatomy of both parts
- Explain pain using cognition, gate control, and biological perspectives
- Make 3 connections to each of the following units: Neuroscience, Learning, Social Psychology