You should be able to identify who these people are – what are they known for in Psychology!

**Key People**

Eleanor Gibson

Hubel & Wiesel

You should be able to define/explain/and provide an example (when appropriate) for the following terms. Although I try to be comprehensive with this “guide,” you should totally expect that I may have neglected terms from your text[[1]](#footnote-1).

**Key terms/concepts**

Sensation

Perception

Psychophysics

Absolute threshold

JND/difference threshold

Subliminal threshold

**Signal detection theory** –hit, miss, correction rejection, and false-alarm

Weber’s law

Fechner’s law

Steven’s power law

Transduction

**Visual processing & parts** – cornea, pupil, iris, lens, retina, fovea, blind spot, bipolar cells, ganglion cells, cones, rods

Accommodation

Acuity

Feature detectors

Trichromatic theory of color vision

Opponent process theory of vision & after image

Sensory adaptation

Selective attention

Cocktail party effect

Audition

Frequency theory

Place theory

Pitch

Timbre

Sound localization

Pinna

Ear canal

Tympanic membrane

Ossicles

Oval window

Semicircular canal

Cochlea

Auditory nerve

Conduction hearing impairment

Nerve hearing impairment

Gate control theory of pain

Kinesthetic sense

Vestibular sense

Olfaction

Gustation (5 basic tastes)

Visual cliff

**Monocular depth cues** – linear perspective, relative size, interposition, motion parallax

**Binocular depth cues** – convergence, retinal disparity

**Gestalt principles of perceptual organization**- figure-ground, proximity, similarity, closure, continuity, contiguity

**Visual illusions** – Hermann Grid, Muller-Lyer,moon illusion

Top-down processing

Bottom up processing

Phi phenomenon

Stroboscopic effect

Autokinetic effect

Visual capture

Perceptual constancy

Size constancy

Shape constancy

1. That means, you need to use your textbook as well as this study guide. [↑](#footnote-ref-1)