**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Goal Sheet-----Unit Four: Sensation & Perception**

**Objectives:** 1. Describe the field of study known as psychophysics 2. Identify the nature and functioning of the sense organs 3. Identify the skin and body senses and explain how they work 4. Outline the principles involved in perception 5. Describe how we learn to perceive and what illusions are

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|  | **Sensation** |
| Sensation |  |
| Transduction |   |
| Sensory Adaptation |  |
| Cocktail Party Effect |  |
| Bottom-Up Processing |  |
| Top-Down Processing |  |
| Absolute Threshold |  |
| Difference Threshold |  |
| Signal Detection Theory |  |
| Subliminal Messages |  |
| Weber’s Law |  |
| Pupil  |  |
| Iris  |  |
| Lens |  |
| Optic Nerve |  |
| Blind Spot |  |
| Fovea |  |
| Rods |  |
| Cones |  |
| Acuity |  |
| Nearsightedness |  |
| Farsightedness |  |
| Parallel Processing |  |
| Trichromatic Theory |  |
| Color Constancy |  |
| Audition Frequency |  |
| Middle Ear |  |
| Inner Ear |  |
| Cochlea |  |
| Conduction Hearing Loss |  |
| Nerve Hearing Loss |  |
| Gate-Control Theory |  |
| Kinesthesis |  |
|  | **Perception** |
| Perception |  |
| Depth Perception |  |
| Binocular Cues |  |
| Convergence |  |
| Monocular Cues |  |
| Extrasensory Perception (ESP) |  |
| Parapsychology |  |
|  |  |

Essential Questions

1. Explain the difference between sensation and perception.
2. Give an example of Top-Down Processing and an example of Bottom-Up Processing.
3. List the parts of the eye and the function of each part.
4. What are optical illusions and how do they work?
5. Explain why Extrasensory Perception and Parapsychology are controversial for psychologists.