

## Lesson Plan - AP Psychology

(S=Standard E=Essential Question A=Activator T=Teaching Strategies S=Summarizer HW=Homework)

Monday	Tuesday	Wednesday	Thursday	Friday
<p>S: IV A - discuss basic principles of sensory transduction including absolute threshold, difference threshold, signal detection, and sensory adaptation.</p> <p>IV B - Describe the sensory process including the specific nature of energy transduction, relevant structures, and specialized pathways in the brain for each of the five senses</p> <p>IV G - Discuss the role of sensory attention in behavior</p>	<p>S: IV B - Describe the sensory process including the specific nature of energy transduction, relevant structures, and specialized pathways in the brain for each of the five senses</p> <p>IV C - Explain common sensory disorders such as visual and hearing impairments</p>	<p>S: IV B - Describe the sensory process including the specific nature of energy transduction, relevant structures, and specialized pathways in the brain for each of the five senses</p> <p>IV C - Explain common sensory disorders such as visual and hearing impairments</p> <p>IV D - Discuss how experience and culture can influence perceptual processes?</p>	<p>S: IV D - Discuss how experience and culture can influence perceptual processes?</p> <p>IV E - Describe general principles of organizing and integrating sensation to promote a stable awareness of the external world (e.g. Gestalt principles, depth perception, etc)</p>	<p>S: IV D - Discuss how experience and culture can influence perceptual processes?</p> <p>IV E - Describe general principles of organizing and integrating sensation to promote a stable awareness of the external world (e.g. Gestalt principles, depth perception, etc)</p> <p>IV H - Challenge common beliefs in parapsychological phenomena</p>
<p>E: What is the function of sensory adaptation?</p> <p>What is the distinction between sensation and perception?</p> <p>How are we affected by selective attention in our daily lives?</p>	<p>E: How does the ear transform sound energy into neural messages?</p> <p>How do we locate sounds?</p> <p>Why do people lose their hearing?</p> <p>Why are cochlear implants controversial in the deaf community?</p>	<p>E: How do we sense touch and our body's position?</p> <p>How do we experience pain?</p> <p>What is the relationship between taste and smell?</p>	<p>E: What is the relationship between taste and smell?</p> <p>How did Gestalt theorists understand perceptual organization?</p> <p>How do we perceive the world in three dimensions?</p>	<p>E: How does experience, contexts, and emotions influence our perception?</p> <p>How adaptable is our ability to perceive information from the senses?</p> <p>How are we impacted by sensory deprivation?</p>

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<p>A: Vocabulary review activity on basic principles of sensation/perception.</p>	<p>A: Reading - <i>Sensory Exotica: A World Beyond Human Experience</i></p>	<p>A: Reading: Cochlear Implants &amp; the Deaf Community. Debrief: T-P-S</p>	<p>A. Vocabulary Activity Hearing, Touch, Taste, and Smell</p>	<p>A. Vocabulary Activity on Perceptual Organization</p>
<p>T: Review the vocabulary activity with the class.</p> <p>Brief Lecture on Selective Attention, Cocktail Party Effect, and Selective Inattention? (supported by PPT w/video clips)</p> <p>Selective Attention &amp; Cocktail party effect experiment (on football field)</p> <p>Whole group debrief on the experiment. Why were you able to pick up on one voice in the midst of many voices? Which psychological principles does this illustrate?</p>	<p>T: Reading quiz - on Socrative. Students may use notes.</p> <p>Small group/whole group discussion of reading: What is beyond our realm of sensation/perception? Is ESP real?</p> <p>Label the parts of the ear and describe the function of each part.</p> <p>Brief Lecture w/ clips on the sensation of hearing. Support by PPT</p> <p>Hearing threshold test/ experiment &amp; hearing location experiment.</p> <p>Students will research the common causes of hearing loss &amp; complete a chart explaining each.</p> <p>Quizlet Live Review</p>	<p>T: Reading quiz (Socrative)</p> <p>Brief lecture on Touch &amp; Pain Perception (supported by PPT)</p> <p>Touch experiment. Given three items, can students identify the item when it is touched to them? Can they identify the item when they can touch it? Why the difference?</p> <p>Students will read about how we understand pain and create a chart illustrating the different factors on our perception of pain.</p> <p>Whole group discussion: how can we learn to control pain without the use of pharmaceuticals? Why are some better than others?</p> <p>KaHoot Review</p>	<p>Label a diagram of the olfactory system and explain each component's function.</p> <p>Discuss: How do we sense smell? Why is smell linked to memory?</p> <p>Smell experiment w/spices. Debrief: Why were some able to identify the spice when others were not?</p> <p>Brief lecture on taste w/ functions of basic tastes.</p> <p>Smell &amp; taste Experiment w/ Skittles. Could students identify the flavor of the Skittle w/o ability to smell or see the color?</p> <p>Whole group discussion: how are our senses interconnected?</p> <p>Quizet Live Review</p>	<p>T: Reading Quiz (Socrative)</p> <p>Lecture on Perceptual Adaptation and motivations/ influences on perception.</p> <p>Students will complete a graphic organizer on Influences on Perception.</p> <p>Class Discussion on Extrasensory Perception.</p> <p>Student pairs will research different types of ESP and create an infographic with definition, examples, and methods of testing.</p> <p>Students will wander around the room completing a chart on the different types of ESP from the InfoGraphics.</p> <p>ESP Experiment following by experiment debrief/ analysis.</p>

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S: FRQ Writing activity: How are we impacted by these concepts on a daily basis?	S: Write a paragraph explain how our other senses begin compensating for a deficit if one is lost?	S: analyze a case study on kinesthesia and vestibular sense. Write a paragraph explaining what is occurring	S: Ticket-out-the Door. How does our sense of smell differ from our other senses?	S: Ticket-out-the-Door: Do you think ESP is real? Why or Why Not?
HW: Read & take notes from text pages 124-133	HW: Read and take notes from text pages 140-146.	HW - review notes/readings	HW: Read and take notes on pages 151-159	HW - Have a great Weekend! Study Quizlet