

Rigorous Learning Goal/Scale AP PSYCHOLOGY UNIT 3 Sensation/Perception

Course:	#1 AP PSYCHOLOGY UNIT 3 : Sensation: 2015-2016
Score 4 Additional Success with the complex content and concepts—inferences, novel applications	In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught. <i>Students will be able to elaborate upon the implications for psychology of selected target learning goals</i> Student makes no major errors or omissions regarding the score 4 content
Score 3 Mastery of complex content and concepts of learning goal	TARGET LEARNING GOAL: The student will be able to explain the principals of <ul style="list-style-type: none"> • <i>Selective attention</i> • <i>Thresholds & Weber’s Law</i> • <i>Sensory adaptation</i> • <i>Vision</i> • <i>Parallel processing and eyesight</i> • <i>Hearing: place (in-the-ear) theory, frequency theory (basilar membrane) and Volley (ball) theory</i> • <i>The Chemical Senses (Smell+Texture+Taste=flavor)</i> • <i>Touch (warm+cold=hot)</i> • <i>Pain (Bio? Psychological? Social?), gate-control model</i> Student makes no major errors or omissions regarding the score 3 content
Score 2 Success with simpler content—vocabulary, foundational skills	<u>Vocabulary:</u> Sensation, perception, bottom-up and top-down processing, selective attention, absolute threshold and JND for every sense, signal-detection theory, psychophysics, signal-detection theory, subliminal, priming, Kinesthesia, vestibular sense. The student will also recognize or recall specific vocabulary or basic content, within these principals: <ul style="list-style-type: none"> • <i>Selective attention: focus, priming, accidents, inattentional blindness, change blindness, pop-out phenomenon</i> • <i>Thresholds</i> • <i>Sensory adaptation: survival advantages</i> • <i>Specialization for survival:</i> • <i>Feature detectors</i> • <i>Supercell clusters</i> • <i>Parallel processing in sight</i> • <i>Theories of color vision:</i> • <i>Young-Helmholtz</i> • <i>Opponent-process</i> • <i>Vision: the eye (cornea, pupil, iris, lens (and accommodation), retina, rods, cones, optic nerve, blind spot, fovea and light frequencies, neural impulse and bipolar activation, ganglion axons/optic nerve/thalamus/occipital lobe</i> • <i>Hearing: the ear and sound frequencies</i> • <i>The Chemical Senses: Smell and Taste</i> • <i>Pain and touch: include neuron information</i> Student makes no major errors or omissions regarding the score 2 content
Score 1	Some success, with help.
Score 0	No success, even with help

Rigorous Learning Goal/Scale AP PSYCHOLOGY UNIT 3 Sensation/Perception

#2 Rigorous Learning Goal/Scale UNIT 3 Perception

Course:	AP Psychology - Perception
Score 4 Additional Success with the complex content and concepts—inferences, novel applications	In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught. <i>Students will be able to connect issues of Perceptual Organization and Perceptual Interpretation to Real-world events, on their own</i> Student makes no major errors or omissions regarding the score 4 content
Score 3 Mastery of complex content and concepts of learning goal	TARGET LEARNING GOAL: The student will be able to explain the principals of <ul style="list-style-type: none"> • Perceptual Organization <ul style="list-style-type: none"> ○ Form Perception/Necker Cube/reversible ○ Depth Perception ○ Motion Perception ○ Perceptual Constancy • Perceptual Interpretation <ul style="list-style-type: none"> ○ Sensory deprivation ○ Perceptual Adaptation ○ Perceptual Set Student makes no major errors or omissions regarding the score 3 content
Score 2 Success with simpler content—vocabulary, foundational skills	The student will recognize or recall this content <u>Perceptual Organization</u> <ul style="list-style-type: none"> ○ Form Perception: Grouping (Proximity, similarity, continuity, Connectedness, Closure) ○ Depth Perception: dimensions and distance, visual cliff, child development <ul style="list-style-type: none"> ▪ Binocular cues and retinal disparity ▪ Monocular cues: <ul style="list-style-type: none"> • Elative height • Relative size • Linear perspective • Interposition • Light and shadow • Relative motion ○ Motion Perception: stroboscopic movement, Phi phenomenon ○ Perceptual Constancy: size, shape, lightness, color <u>Perceptual Interpretation</u> <ul style="list-style-type: none"> ○ Sensory Deprivation ○ Perceptual Adaptation ○ Perceptual Set & expectations; context effect; emotion and motivation Student makes no major errors or omissions regarding the score 2 content
Score 1 Partial success with help	With help, student achieves partial success at score 2 content and/or score 3 content
Score 0 No success even with help	Even with help, no success