

Options EHS Psychology		Scope and Sequence
Unit	Lesson	Objectives
Introduction to Psychology		
	What Is Psychology?	<ul style="list-style-type: none"> Define psychology Explain how psychology qualifies as a science Compare and contrast the field of psychology to other social and physical sciences
	Psychology's Early History	
	Psychology's Modern History	<ul style="list-style-type: none"> Identify contemporary perspectives psychologists use to study behavior and cognitive processes Explain the factors that affect the influence of contemporary psychological perspectives
	Topic Test	Complete a 25-question topic test
Psychological Research Methods		
	What Is Research?	<ul style="list-style-type: none"> List and explain the goals of psychological research Explain the steps of the scientific method used to guide psychological research
	Experimental Design	<ul style="list-style-type: none"> Differentiate between types of variables used in experimental research and variables that can possibly interfere with research results Distinguish between the purposes of a control group and an experimental group in a research study Describe various factors influencing the generalization of a research study
	Descriptive Research	

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		Explain various types of descriptive research methods
		Differentiate between qualitative and quantitative data
	Topic Test	
		Complete a 25-question topic test
Statistics and Ethics in Psychology		
	Descriptive and Inferential Statistics	
		Define statistics and examine various aspects of descriptive statistics
		Describe hypothesis testing in inferential statistics
		Examine correlation and regression in inferential statistics
	Statistical Issues	
		Define and differentiate between reliability and validity
		Explain issues influencing statistical significance
		Examine benefits and limitations of using statistics to support psychological claims
	Ethical Research	
		Define ethics and relate ethics to the study of psychology
		Summarize the American Psychological Association's Ethical Guidelines for Research
		Describe current controversies involving ethical issues in psychology
	Ethical Controversies	
		Identify historical examples of ethical controversies that contributed to current ethical codes
		Explain ethical guidelines surrounding the use of data in regard to electronic tools
		Examine the status of ethical issues involving animal research
	Topic Test	

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		Complete a 25-question topic test
Sensation and Perception		
	Sensation	
		Define sensation and describe the study of psychophysics
		Identify how sensory systems detect and process sensory stimuli
		Identify the concepts of threshold, signal-detection theory, and sensory adaptation
	Components of Perception	
		Define perception and describe how sensation influences the process of perception
		Identify various factors involved in perceiving information
	Influences on Perception	
		Describe Gestalt principles of perceptual organization
		Discuss how depth cues and perceptual constancies influence perception
		Identify various influences on perception and perceptual change
	Topic Test	
		Complete a 25-question topic test
States of Consciousness		
	Measures of Consciousness	
		Define consciousness and identify key features of consciousness
		Describe differing levels of consciousness from the psychodynamic viewpoint
	Sleep	
		Describe the sleep cycle and biological rhythms
		Explain why people sleep

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	Sleep Disorders	<p>Compare and contrast sleeping behavior between animals and humans</p> <p>Explain the effects of sleep deprivation</p> <p>Describe sleep disorders and their treatments</p> <p>Explain methods of getting a healthy amount of sleep</p>
	Dreams	<p>Define dreaming as a biological and psychological construct</p> <p>Compare different theories about the significance of dreams</p> <p>Explore the significance of dreams in a variety of cultures</p> <p>Conduct short and sustained research projects based on focused questions, demonstrating understanding of the subject under investigation</p>
	Topic Test	Complete a 25-question topic test
Altered States of Consciousness		
	Hypnosis	<p>Define and explain hypnosis</p> <p>Describe the early uses of hypnosis to address psychological symptoms</p> <p>Identify the contemporary uses of hypnosis in pain control and psychotherapy</p>
	Psychoactive Drugs	<p>Describe the major classes and effects of psychoactive drugs</p> <p>Explain how the major drug classes affect neurotransmission and behavior</p> <p>Describe the long-term psychological and physiological effects of drugs</p>
	Meditation and Other Forms of	

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	Consciousness	
		Explain the effects of meditation
		Critique the use of biofeedback as a mechanism for gaining control over biological functions
		Compare the cultural and historical influences on the value judgments associated with voluntary consciousness changes
	Topic Test	
		Complete a 25-question topic test
Classical Theories of Learning		
	What Is Learning?	
		Describe what learning is
		Differentiate between innate and learned behaviors
	Classical Conditioning	
		Define classical conditioning, and identify two researchers prominent in discovering and establishing classical conditioning methods
		Describe the process of classical conditioning
		Describe common factors that influence the process of classical conditioning
	Operant Conditioning	
		Describe the process of operant conditioning, and identify two researchers prominent in discovering and establishing operant conditioning methods
		Describe common factors that influence the process of operant conditioning
	Reinforcement and Punishment	
		Compare and contrast positive and negative reinforcement
		Explain the influence of various schedules of reinforcement on behavior

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		Discuss the role of punishment in conditioning
	Topic Test	Complete a 25-question topic test
Contemporary Theories of Learning		
	Cognitive and Behavioral Learning Influences	Identify the role of cognition in learning and conditioning
		Discuss various experiments used in establishing support for cognitive influences on learning
		Describe how genetic factors or learned experiences interfere with conditioning processes
	Social Learning	Describe social learning and discuss factors that influence socially learned behavior
		Describe basic processes that influence social learning
		Explain how the theory of social learning creates controversy about media portrayals of violence
	Environmental and Cultural Learning Influences	Describe how culture assists in shaping behavior
		Discuss how environmental and cultural influences impact learning and academic achievement
		Describe various influences of collaborative learning on academic achievement
	Topic Test	Complete a 25-question topic test
Memory		

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	The Brain and Memory	Identify brain structures and various factors influencing memory formation
		Describe the characteristics and operations of sensory and short-term memory
		Describe the characteristics and operations of long-term memory
	Attention and Processing Information	Describe the importance of attention in forming memories
		Describe how different types of processing can enhance retention of information
	Forming Concepts	Describe how and why concepts are formed in the mind
		Examine how concepts are organized
	Issues with Remembrance and Forgetting	Describe measures of retrieval and forgetting as well as issues associated with memory retrieval
		Explain issues influencing forgetfulness, and describe various perspectives on recovered memories
		Identify factors that interfere with memory formation and retrieval
	Research on Memory Reconstruction and Memory Improvement	Discuss suggestions to enhance deep processing of information
		Identify strategies for improving memory
		Describe research on memory reconstruction
	Topic Test	Complete a 25-question topic test
Cumulative Exam Review		

Unit Lesson

Objectives

Cumulative Exam Assessment