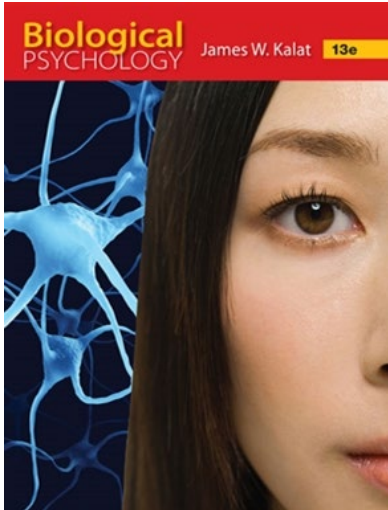


MindTap Quick Start Guide



Biological Psychology 13th Edition
James W. Kalat

Dr. James W. Kalat's BIOLOGICAL PSYCHOLOGY is the most widely used text in the course area, translated into seven other languages. With all editions, Kalat's goal has been to make Biological Psychology accessible to Psychology students, not just to Biology majors and pre meds. Another goal is to convey the excitement of the search for biological explanations of behavior, and Kalat delivers. Updated with new topics, examples and recent research findings--and supported by the interactive learning tools in the MindTap online learning platform--the thirteenth edition speaks to today's students and instructors.

3 Key Features

Activity	Where to find it – an example	What is it	Why it matters
Mastery Training powered by Cerego	<ol style="list-style-type: none"> Chapter 1: Nerve Cells and Nerve Impulses Chapter 1 Mastery Training 	Mastery Training Learning engine that presents concepts to students, adapting to each student's performance to help them learn efficiently and effectively, and master core concepts.	Students who use this learning engine can improve their course grade by ~13% (Homer & Plass, 2013).
Virtual Biological Psychology Labs	<ol style="list-style-type: none"> Chapter 5: Vision Virtual Biological Psychology Lab: Visual Cortex 	Virtual Biological Psychology Labs Learning engine that presents concepts to students, adapting to each student's performance to help them learn efficiently and effectively, and master core concepts	Labs provide animations and simulated lab experiences that illustrate biological processes in an engaging and graspable way.
Video Quizzes	<ol style="list-style-type: none"> Chapter 11: Emotional Behaviors Chapter 11 Video Quiz: Virtual Reality Exposure Therapy 	Video Quizzes Watch a video about material related to the chapter, including subject content and/or cutting-edge research.	Students will see the relevance of research to the topics they are studying and be able to apply theory based on appropriate scientific investigations.

Kalat, *Biological Psychology*, 12e 2016
MindTap Asset Description

Activity	How many ?	What is it?	Seat time?	Why it matters?
Getting Started	1	This is an introductory video that gives students a walk through the MindTap path.	3 minutes	This will help students get the most out of using MindTap.
Pre-Test	14	Answer a few questions to see how much you already know about this topic.	3-5 minutes	Engage students and assess their level of knowledge about the chapter topics BEFORE they start to read the chapter. It prepares them for the chapter content and helps them navigate the chapter and topics in a more informed manner.
Comprehension Check	40	Check your understanding of what you just read.	3-5 minutes	Students evaluate their understanding of each section immediately after reading.
Mastery Training powered by Cerego	14	Learning engine that presents concepts to students, adapting to each student's performance to help them learn efficiently and effectively, and master core concepts.	Minutes each day for at least one week to reach Level 1 mastery	Students who use this learning engine can improve their course grade by ~13% (Homer & Plass, 2013).
Virtual Biological Psychology Lab	5	Apply what you've learned about the certain concepts in a simulated lab.	15-30 minutes	Labs provide animations and simulated lab experiences that illustrate biological processes in an engaging and graspable way.

Lab Quiz	5	Short quiz to check student's understanding of the lab.	3 minutes	Students take short quizzes to assess their understanding of the lab.
Chapter test	14	Test your knowledge of all you have learned about the chapter.	20-30 minutes	Reinforce chapter concepts and test student's knowledge and comprehension of material. Students can test themselves on the concepts they learned throughout the chapter.

Chapter/Topic	Assignments	Points
Chapter 1 Nerve Cells and Nerve Impulses	Pre-Test	5
	Mastery Training	30
	Comprehension Check: The Cells of the Nervous System	9
	Comprehension Check: The Nerve Impulse	12
	Virtual Biological Psychology Lab: Neurons and Synapses	
	Lab Quiz: Neurons and Synapses	6
	Test	20
Chapter 2 Synapses	Pre-Test	5
	Mastery Training	30
	Comprehension Check: The Concept of the Synapse	6
	Comprehension Check: Chemical Events at the Synapse	15
	Test	20
Chapter 3 Anatomy and Research Methods	Pre-Test	5
	Mastery Training	30
	Comprehension Check: Structure of the Vertebrate Nervous System	8
	Comprehension Check: The Cerebral Cortex	7
	Comprehension Check: Research Methods	10
	Video Quiz: Decoding the Brain	10
	Test	20
Chapter 4 Genetics, Evolution, Development and Plasticity	Pre-Test	5
	Mastery Training	30
	Comprehension Check: Genetics and Evolution of Behavior	11
	Comprehension Check: Development of the Brain	19
	Comprehension Check: Plasticity after Brain Damage	9
	Test	20
Chapter 5 Vision	Pre-Test	5
	Mastery Training	30
	Comprehension Check: Visual Coding	11
	Comprehension Check: How the Brain Processes Visual Information	16
	Comprehension Check: Parallel Processing in the Visual Cortex	6
	Virtual Biological Psychology Lab: Visual Cortex	4
	Lab Quiz: Visual Cortex	10
	Video Quiz: Visual Spatial Processing	20
	Test	

Chapter 6 Other Sensory Systems	Pre-Test	5
	Mastery Training	30
	Comprehension Check: Audition	9
	Comprehension Check: The Mechanical Senses	11
	Comprehension Check: The Chemical Senses	12
	Video Quiz: Synesthesia	10
Chapter 7 Movement	Test	20
	Pre-Test	5
	Mastery Training	30
	Comprehension Check: The Control of Movement	5
	Comprehension Check: Brain Mechanisms of Movement	14
	Comprehension Check: Movement Disorders	6
Chapter 8 Wakefulness and Sleep	Test	20
	Pre-Test	5
	Mastery Training	30
	Comprehension Check: Rhythms of Waking and Sleeping	8
	Comprehension Check: Stages of Sleep and Brain Mechanisms	11 5
	Comprehension Check: Why Sleep? Why REM? Why Dreams?	20
Chapter 9 Internal Regulation	Test	20
	Pre-Test	5
	Mastery Training	30
	Comprehension Check: Temperature Regulation	6
	Comprehension Check: Thirst	3
	Comprehension Check: Hunger	15
	Virtual Biological Psychology Lab: Hypothalamic Control of Feeding	4
Lab Quiz: Hypothalamic Control of Feeding	20	
Chapter 10 Reproductive Behaviors	Test	20
	Pre-Test	5
	Mastery Training	30
	Comprehension Check: Sex and Hormones	11
	Comprehension Check: Variations in Sexual Behavior	10

Chapter 11 Emotional Behaviors	Pre-Test	5	
	Mastery Training	30	
	Comprehension Check: What Is Emotion?	6	
	Comprehension Check: Attack and Escape Behaviors	13	
	Comprehension Check: Stress and Health	5	
	Virtual Biological Psychology Lab: The Neurobiology of Fear		
	Lab Quiz: The Neurobiology of Fear	5	
	Video Quiz: Virtual Reality Exposure Therapy	10	
	Test	20	
Chapter 12 The Biology of Learning and Memory	Pre-Test	5	
	Mastery Training	30	
	Comprehension Check: Learning, Memory, and Amnesia	14	
	Comprehension Check: Storing Information in the Nervous System	7	
	Virtual Biological Psychology Lab: Habituation and Sensitization	4	
	Lab Quiz: Habituation and Sensitization	10	
	Video Quiz: Brain and Memory	20	
		Test	
Chapter 13 Cognitive Functions	Pre-Test	5	
	Mastery Training	30	
	Comprehension Check: Lateralization of Function	8	
	Comprehension Check: Evolution and Physiology of Language	9	
	Comprehension Check: Conscious and Unconscious Processes and Attention	12	
	Comprehension Check: Social Neuroscience	2	
		Test	20
	Chapter 14 Psychological Disorders	Pre-Test	5
Mastery Training		30	
Comprehension Check: Substance Abuse and Addiction		11	
Comprehension Check: Mood Disorders		14	
Comprehension Check: Schizophrenia		9	
Comprehension Check: Autism Spectrum Disorder		2	
Video Quiz: Media Neuroscience		10	
		Test	20
Total		1230	