

Myers' Psychology in Everyday Life, 4e
National Standards Correlation – April 2017

STANDARDS		<i>Psychology in Everyday Life</i>
Scientific Inquiry Domain		
Standard Area: Perspectives in Psychological Science		
Content Standard 1: Development of psychology as an empirical science		
1.1 Define psychology as a discipline and identify its goals as a science		3, 7-14
1.2 Describe the emergence of psychology as a scientific discipline.		2-6
1.3 Describe perspectives employed to understand behavior and mental processes.		5-6
1.4 Explain how psychology evolved as a scientific discipline.		2-10
Content Standard 2: Major subfields within psychology		
2.1 Discuss the value of both basic and applied psychological research with human and non-human animals.		Appendix C
2.2 Describe the major subfields of psychology.		6, Appendix C
2.3 Identify the important role psychology plays in benefiting society and improving people's lives.		7-12
Standard Area: Research Methods, Measurement, and Statistics		
Content Standard 1: Research methods and measurements used to study behavior and mental processes		
1.1 Describe the scientific method and its role in psychology.		10-14
1.2 Describe and compare a variety of quantitative (e.g., surveys, correlations, experiments) and qualitative (e.g., interviews, narratives, focus groups) research methods.		14-21
1.3 Define systematic procedures used to improve the validity of research findings, such as external validity.		14-21, 243
1.4 Discuss how and why psychologists use non-human animals in research.		22
Content Standard 2: Ethical issues in research with human and non-human animals		
2.1 Identify ethical standards psychologists must address regarding research with human participants.		21-23
2.2 Identify ethical guidelines psychologists must address regarding research with non-human animals.		22
Content Standard 3: Basic concepts of data analysis		
3.1 Define descriptive statistics and explain how they are used by psychological scientists.		A-1 – A-4
3.2 Define forms of qualitative data and explain how they are used by psychological scientists.		A-4 – A-5
3.3 Define correlation coefficients and explain their appropriate interpretation.		A-4 – A-5
3.4 Interpret graphical representations of data as used in both quantitative and qualitative methods.		A-2 – A-5
3.5 Explain other statistical concepts, such as statistical significance and effect size.		A-5 – A-7
3.6 Explain how validity and reliability of observations and measurements relate to data analysis.		A-6, 243
Biopsychological Domain		
Standards Area: Biological Bases of Behavior		
Content Standard 1: Structure and function of the nervous system in human and non-human animals		
1.1 Identify the major divisions and subdivisions of the human nervous system.		34-37

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1.2 Identify the parts of the neuron and describe the basic process of neural transmission.	30-34
1.3 Differentiate between the structures and functions of the various parts of the central nervous system.	36-37, 38-47
1.4 Describe lateralization of brain functions.	48-50
1.5 Discuss the mechanisms of, and the importance of, plasticity of the nervous system.	47-48
Content Standard 2: Structure and function of the endocrine system	
2.1 Describe how the endocrine glands are linked to the nervous system.	37-38
2.2 Describe the effects of hormones on behavior and mental processes.	37-38
2.3 Describe hormone effects on the immune system.	37-38, 288-291
Content Standard 3: The interaction between biological factors and experience	
3.1 Describe concepts in genetic transmission.	70-72
3.2 Describe the interactive effects of heredity and environment.	70-73
3.3 Explain how evolved tendencies influence behavior.	124-129
Content Standard 4: Methods and issues related to biological advances	
4.1 Identify tools used to study the nervous system.	38-39
4.2 Describe advances made in neuroscience.	30-50
4.3 Discuss issues related to scientific advances in neuroscience and genetics.	30-50, 127-129
Standard Area: Sensation and Perception	
Content Standard 1: The processes of sensation and perception	
1.1 Discuss processes of sensation and perception and how they interact.	134
1.2 Explain the concepts of threshold and adaptation.	134-138
Content Standard 2: The capabilities and limitations of sensory processes	
2.1 List forms of physical energy for which humans and non-human animals do and do not have sensory receptors.	140-142, 152-160
2.2 Describe the visual sensory system.	140-142
2.3 Describe the auditory sensory system.	152-155
2.4 Describe other sensory systems, such as olfaction, gustation, and somesthesia (e.g., skin senses, kinesthesia, and vestibular sense).	155-160
Content Standard 3: Interaction of the person and the environment in determining perception	
3.1 Explain Gestalt principles of perception.	146-147
3.2 Describe binocular and monocular depth cues.	148-150
3.3 Describe the importance of perceptual constancies.	150-151
3.4 Describe perceptual illusions.	146-151
3.5 Describe the nature of attention.	51-53
3.6 Explain how experiences and expectations influence perception.	139-140
Standard Area: Consciousness	
Content Standard 1: The relationship between conscious and unconscious processes	
1.1 Identify states of consciousness.	50-51
1.2 Distinguish between processing which is conscious (i.e., explicit) and other processing which happens without conscious awareness (i.e., implicit).	50-53
Content Standard 2: Characteristics of sleep and theories that explain why we sleep and dream	
2.1 Describe the circadian rhythm and its relation to sleep.	54
2.2 Describe the sleep cycle.	54-56
2.3 Compare theories about the functions of sleep.	56-58
2.4 Describe types of sleep disorders.	58-60
2.5 Compare theories about the functions of dreams.	60-62
Content Standard 3: Categories of psychoactive drugs and their effects	

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3.1 Characterize the major categories of psychoactive drugs and their effects.	386-391
3.2 Describe how psychoactive drugs act at the synaptic level.	390
3.3 Evaluate the biological and psychological effects of psychoactive drugs.	393-394
3.4 Explain how culture and expectations influence the use and experience of drugs.	393-394
Content Standard 4: Other states of consciousness	
4.1 Describe meditation and relaxation and their effects.	299-300
4.2 Describe hypnosis and controversies surrounding its nature and use.	157, 214
4.3 Describe flow states.	B-2
Development and Learning Domain	
Standard Area: Life Span Development	
Content Standard 1: Methods and issues in life span development	
1.1 Explain the interaction of environmental and biological factors in development, including the role of the brain in all aspects of development.	68, 70-73, 75-77, 88-89, 95-97
1.2 Explain issues of continuity/discontinuity and stability/change.	68-70
1.3 Distinguish methods used to study development.	74-75
1.4 Describe the role of sensitive and critical periods in development.	76
1.5 Discuss issues related to the end of life.	101
Content Standard 2: Theories of life span development	
2.1 Discuss theories of cognitive development.	73-74, 77-82, 89-90, 97-98
2.2 Discuss theories of moral development.	90-91
2.3 Discuss theories of social development.	82, 83-88, 91-94, 98-100
Content Standard 3: Prenatal development and the newborn	
3.1 Describe physical development from conception through birth and identify influences on prenatal development.	70-74
3.2 Describe newborns' reflexes, temperament, and abilities.	73-74
Content Standard 4: Infancy (i.e., the first two years of life)	
4.1 Describe physical and motor development.	75-77
4.2 Describe how infant perceptual abilities and intelligence develop.	77-79
4.3 Describe the development of attachment and the role of the caregiver.	83-88
4.4 Describe the development of communication and language.	231-234
Content Standard 5: Childhood	
5.1 Describe physical and motor development.	75-77
5.2 Describe how memory and thinking ability develops.	79-81
5.3 Describe social, cultural, and emotional development through childhood.	82-88
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6.1 Identify major physical changes.	88-89
6.2 Describe the development of reasoning and morality.	89-91
6.3 Describe identity formation.	91-92
6.4 Discuss the role of family and peers in adolescent development.	92-94
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Standard Area: Learning	
Content Standard 1: Classical conditioning	
1.1 Describe the principles of classical conditioning.	171-174
1.2 Describe clinical and experimental examples of classical conditioning.	171-175
1.3 Apply classical conditioning to everyday life.	175
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2.1 Describe the Law of Effect.	176
2.2 Describe the principles of operant conditioning.	176-180
2.3 Describe clinical and experimental examples of operant conditioning.	176-183
2.4 Apply operant conditioning to everyday life.	182-183
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3.2 Apply observational and cognitive learning to everyday life.	188-190
Standard Area: Language Development	
Content Standard 1: Structural features of language	
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1.2 Discuss the relationship between language and thought.	235-236
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2.2 Discuss how acquisition of a second language can affect language development and possibly other cognitive processes.	234
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3.2 Discuss how damage to the brain may affect language.	234-235
Sociocultural Context Domain	
Standard Area: Social Interactions	
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1.2 Describe the relationship between attitudes (implicit and explicit) and behavior.	315-318
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3.4 Discuss factors influencing attraction and relationships.	334-339
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2.3 Compare and contrast gender identity and sexual orientation.	108-124
2.4 Discuss psychological research examining gender similarities and differences and the impact of gender discrimination.	108-111
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1.2 Explain cognitively based theories of motivation.	259
1.3 Explain humanistic theories of motivation.	259-260
1.4 Explain the role of culture in human motivation.	266-270
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2.2 Discuss sexual behavior and orientation.	116-124
2.3 Discuss achievement motivation.	B-3 – B-8
2.4 Discuss other ways in which humans and non-human animals are motivated.	262
Standard Area: Emotion	
Content Standard 1: Perspectives on emotion	
1.1 Explain the biological and cognitive components of emotion.	270-273
1.2 Discuss psychological research on basic human emotions.	273-281
1.3 Differentiate among theories of emotional experience.	271-273
Content Standard 2: Emotional interpretation and expression	
2.1 Explain how biological factors influence emotional interpretation and expression.	274-276
2.2 Explain how culture and gender influence emotional interpretation and expression.	276-279
2.3 Explain how other environmental factors influence emotional interpretation and expression.	280-281
Content Standard 3: Domains of emotional behavior	
3.1 Identify biological and environmental influences on the expression and experience of negative emotions, such as fear.	270-281
3.2 Identify biological and environmental influences on the expression and experience of positive emotions, such as happiness.	270-281, 302-308
Standard Area: Personality	
Content Standard 1: Perspectives on personality	
1.1 Evaluate psychodynamic theories.	350-357
1.2 Evaluate trait theories.	359-364
1.3 Evaluate humanistic theories.	357-359
1.4 Evaluate social-cognitive theories.	364-367
Content Standard 2: Assessment of personality	
2.1 Differentiate personality assessment techniques.	354-357, 358-359, 361-364, 366
2.2 Discuss the reliability and validity of personality assessment techniques.	354-357, 358-359, 361-364, 366
Content Standard 3: Issues in personality	
3.1 Discuss biological and situational influences.	360-361, 364-366
3.2 Discuss stability and change.	350-371
3.3 Discuss connections to health and work.	291, B-1 – B-2
3.4 Discuss self-concept.	367-371

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3.5 Analyze how individualistic and collectivistic cultural perspectives relate to personality.		370-371
Standards Area: Psychological Disorders		
Content Standard 1: Perspectives on abnormal behavior		
1.1 Define psychologically abnormal behavior.		376-380
1.2 Describe historical and cross-cultural views of abnormality.		376-380
1.3 Describe major models of abnormality.		376-380
1.4 Discuss how stigma relates to abnormal behavior.		379-380, 409-410
1.5 Discuss the impact of psychological disorders on the individual, family, and society.		376-380
Content Standard 2: Categories of psychological disorders		
2.1 Describe the classification of psychological disorders.		380-409
2.2 Discuss the challenges associated with diagnosis.		380-409
2.3 Describe symptoms and causes of major categories of psychological disorders (including schizophrenic, mood, anxiety, and personality disorders).		380-409
2.4 Evaluate how different factors influence an individual's experience of psychological disorders.		380-409
Applications of Psychological Science Domain		
Standard Area: Treatment of Psychological Disorders		
Content Standard 1: Perspectives on treatment		
1.1 Explain how psychological treatments have changed over time and among cultures.		416
1.2 Match methods of treatment to psychological perspectives.		416-436
1.3 Explain why psychologists use a variety of treatment options.		416-436
Content Standard 2: Categories of treatment and types of treatment providers		
2.1 Identify biomedical treatments.		430-436
2.2 Identify psychological treatments.		416-425
2.3 Describe appropriate treatments for different age groups.		425-430, 431-436
2.4 Evaluate the efficacy of treatments for particular disorders.		416-436
2.5 Identify other factors that improve the efficacy of treatment.		416-436
2.6 Identify treatment providers for psychological disorders and the training required for each.		430, Appendix C
Content Standard 3: Legal, ethical, and professional issues in the treatment of psychological disorders		
3.1 Identify ethical challenges involved in delivery of treatment.		416-436
3.2 Identify national and local resources available to support individuals with psychological disorders and their families (e.g., NAMI and support groups).		430
Standard Area: Health		
Content Standard 1: Stress and coping		
1.1 Define stress as a psychophysiological reaction.		286-288
1.2 Identify and explain potential sources of stress.		286-288
1.3 Explain physiological and psychological consequences for health.		288-292
1.4 Identify and explain physiological, cognitive, and behavioral strategies to deal with stress.		293-302
Content Standard 2: Behaviors and attitudes that promote health		
2.1 Identify ways to promote mental health and physical fitness.		298-302

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2.2 Describe the characteristics of and factors that promote resilience and optimism.	292, 295-297, 436-438, B-3 – B-4
2.3 Distinguish between effective and ineffective means of dealing with stressors and other health issues.	286-302, 398-400
Standard Area: Vocational Applications	
Content Standard 1: Career options	
1.1 Identify careers in psychological science and practice.	Appendix B, Appendix C
1.2 Identify careers related to psychology.	Appendix B, Appendix C
Content Standard 2: Educational requirements	
2.1 Identify degree requirements for psychologists and psychology-related careers.	Appendix C
2.2 Identify resources to help select psychology programs for further study.	Appendix C
Content Standard 3: Vocational applications of psychological science	
3.1 Discuss ways in which psychological science addresses domestic and global issues.	Chapter 6, Appendix B (as examples)
3.2 Identify careers in psychological science that have evolved as a result of domestic and global issues.	Appendix B, Appendix C