SCIENTIFIC INQUIRY DOMAIN

STANDARD AREA: PERSPECTIVES IN PSYCHOLOGICAL SCIENCE

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Development of psychology as an empirical science
- 2. Major subfields within psychology

Content Standards With Performance Standards

CONTENT STANDARD 1: Development of psychology as an empirical science Students are able to (performance standards):

	STUDENT EDITION	TEACHER EDITION
1.1 Define psychology as a discipline and identify its goals as a science	4, 5, 6, 9, 23, 24, 619, 622	5, 9, 10, 11, 12, 619, 622
1.2 Describe the emergence of psychology as a scientific discipline	7, 8, 10, 11, 12, 13, 14, 23	5, 8, 9, 11, 15
1.3 Describe perspectives employed to understand behavior and mental processes	4, 5, 10, 11, 14, 15, 16, 17, 23, 613	5, 6, 7, 12, 13, 15, 613
1.4 Explain how psychology evolved as a scientific discipline	7, 8, 10, 11, 12, 13, 14	8, 9, 10, 13, 16
CONTENT STANDARD 2: Major subfields within psychology Students are able to (performance standards):		
2.1 Discuss the value of both basic and applied psychological research with human and non-human animals	7, 9, 24, 612, 613, 614	7, 17, 22, 291, 612, 613, 614
2.2 Describe the major subfields of psychology	19, 20, 21, 22, 23, 24, 612, 613, 614, 615, 619, 620, 621, 622	14, 18, 19, 20, 21, 85, 167, 205, 612, 613, 614, 615, 619, 620, 621, 622
2.3 Identify the important role psychology plays in benefiting society and improving people's lives	5, 7, 14, 19, 20, 22, 23, 25, 371, 618, 619, 620, 621, 622	7, 15, 16, 19, 20, 21, 22, 49, 71, 609, 618, 619, 620, 621, 622

STANDARD AREA: RESEARCH METHODS, MEASUREMENT, AND STATISTICS

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Research methods and measurements used to study behavior and mental processes
- 2. Ethical issues in research with human and non-human animals
- 3. Basic concepts of data analysis

Content Standards With Performance Standards

CONTENT STANDARD 1: Research methods and measurements used to study behavior and mental processes Students are able to (performance standards):

Students are able to (performance standards):		
1.1 Describe the scientific method and its role in psychology	3, 6, 7, 8, 9, 23, 24, 27, 28, 31, 33, 37, 48, 625, 627, 628	2, 6, 8, 14, 20, 28, 31, 32, 35, 82, 625, 627, 628
1.2 Describe and compare a variety of quantitative (e.g., surveys, correlations, experiments) and qualitative (e.g., interviews, narratives, focus groups) research methods	8, 9, 28, 29, 30, 31, 32, 33, 34, 35, 36, 38–39, 47, 48, 83, 98, 170, 346–347, 626	14, 20, 25, 28, 29, 30, 31, 32, 39, 626

12 Define austometic and address and the improve the	0 20 21 22 22 24 25 26 40 45 47	25 20 20 20 21 22 24 27 46 270
1.3 Define systematic procedures used to improve the validity of research findings, such as external validity	8, 29, 31, 32, 33, 34, 35, 36, 40, 45, 47, 346–347, 348, 631	25, 28, 29, 30, 31, 32, 34, 37, 46, 379, 631
1.4 Discuss how and why psychologists use non-human animals in research	9, 21–22, 32, 33, 65, 66, 159, 172, 233, 236, 237, 238, 239, 241, 245, 246, 251, 257, 276, 323, 325, 436	16, 58, 65, 159, 307, 308
CONTENT STANDARD 2: Ethical issues in research with hu Students are able to (performance standards):	ıman and non-human animals	
Identify ethical standards psychologists must address regarding research with human participants	17, 20, 32, 33, 36, 48, 158, 240, 243, 570, 574–575	10, 16, 17, 32, 36, 77, 142, 243, 570, 574, 575
2.2 Identify ethical guidelines psychologists must address regarding research with non-human animals	32, 33, 48, 520	16, 32, 33
CONTENT STANDARD 3: Basic concepts of data analysis Students are able to (performance standards):		
3.1 Define descriptive statistics and explain how they are used by psychological scientists	40, 41, 42, 43, 48	40, 42, 44, 45, 46
3.2 Define forms of qualitative data and explain how they are used by psychological scientists	37–38, 40, 41, 42, 48, 626	40, 44
 Define correlation coefficients and explain their appropriate interpretation 	40, 44, 45, 47	45
3.4 Interpret graphical representations of data as used in both quantitative and qualitative methods	30, 42, 43, 44, 45, 47, 626	42, 43, 44, 45
3.5 Explain other statistical concepts, such as statistical significance and effect size	45, 46, 47	42, 43, 45
3.6 Explain how validity and reliability of observations and measurements relate to data analysis	37–38, 41, 42, 43, 44, 47, 48	40, 42, 43, 45, 46

BIOPSYCHOLOGY DOMAIN

STANDARD AREA: BIOLOGICAL BASES OF BEHAVIOR

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Structure and function of the nervous system in human and non-human animals
- 2. Structure and function of the endocrine system
- 3. The interaction between biological factors and experience
- 4. Methods and issues related to biological advances

Content Standards With Performance Standards

CONTENT STANDARD 1: Structure and function of the nervous system in human and non-human animals Students are able to (performance standards):

Students are able to (performance standards).		
1.1 Identify the major divisions and subdivisions of the human nervous system	148, 149, 152, 175, 176	148, 149, 150, 151
1.2 Identify the parts of the neuron and describe the basic process of neural transmission	148, 149, 150, 151, 152, 175, 176	148, 149, 150, 151, 166, 167
1.3 Differentiate between the structures and functions of the various parts of the central nervous system	149, 150, 151, 152, 175, 176	148, 149, 150, 151, 167
1.4 Describe lateralization of brain functions	58, 154, 155, 156, 157, 162, 163, 176	154, 155, 156, 161, 163

1.5 Discuss the mechanisms and the importance of plasticity of the nervous system	137, 161, 175	161
CONTENT STANDARD 2: Structure and function of the endocrine system Students are able to (performance standards):		
2.1 Describe how the endocrine glands are linked to the nervous system	164, 165, 166, 167, 175, 176	164, 165, 167
Describe the effects of hormones on behavior and mental processes	164, 165, 166, 167, 175, 176	91, 164, 165, 166
2.3 Describe hormone effects on the immune system	166, 167	167
CONTENT STANDARD 3: The interaction between biological factors and experience Students are able to (performance standards):		
3.1 Describe concepts in genetic transmission	171, 172, 173, 174, 175, 176	171, 172, 173
3.2 Describe the interactive effects of heredity and environment	52, 170, 171, 173, 174, 175, 176	170, 171, 172, 173, 174
3.3 Explain how evolved tendencies influence behavior	168–169, 173	168, 169, 173, 174
CONTENT STANDARD 4: Methods and issues related to biological advances Students are able to (performance standards):		
4.1 Identify tools used to study the nervous system	158, 159, 161	158, 159, 160, 161, 162, 186
4.2 Describe advances made in neuroscience	158, 159, 160, 161, 162, 168, 186–187	158, 159, 160, 161, 162, 168
4.3 Discuss issues related to scientific advances in neuroscience and genetics	159, 163, 176, 186–187	159, 160, 161, 162, 170, 171, 172, 187
STANDARD AREA: SENSATION AND DERCEPTION		

STANDARD AREA: SENSATION AND PERCEPTION

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. The processes of sensation and perception
- 2. The capabilities and limitations of sensory processes
- 3. Interaction of the person and the environment in determining perception

CONTENT STANDARD 1: The processes of sensation and perception Students are able to (performance standards):		
 Discuss processes of sensation and perception and how they interact 	176, 202–203, 204, 205, 206, 207, 208, 209, 220–221, 222, 229, 231, 232, 235	201, 202, 203, 207, 220, 222
1.2 Explain the concepts of threshold and adaptation	205, 206, 207, 208, 209, 231, 232	205, 206
CONTENT STANDARD 2: The capabilities and limitations of sensory processes Students are able to (performance standards):		
2.1 List forms of physical energy for which humans and non-human animals do and do not have sensory receptors	206, 207, 231	204, 206, 207, 214
2.2 Describe the visual sensory system	205, 206, 207, 210, 211, 212, 213, 214, 219, 220–221, 231	205, 206, 210, 211, 212, 213, 214, 218, 219, 221
2.3 Describe the auditory sensory system	206, 207, 215, 216, 219, 231, 235	206, 207, 210, 214, 215, 216, 217, 218, 219, 234, 235

2.4 Describe other sensory systems, such as olfaction, gustation, and somesthesis (e.g., skin senses, kinesthesis, and vestibular sense)	207, 217, 218, 219, 231	207, 210, 214, 218, 219, 220, 466
CONTENT STANDARD 3: Interaction of the person and the environment in determining perception Students are able to (performance standards):		
3.1 Explain Gestalt principles of perception	222, 223, 229, 231	223
3.2 Describe binocular and monocular depth cues	226, 227, 229, 231	227
3.3 Describe the importance of perceptual constancies	227, 228, 229, 230, 232	227
3.4 Describe perceptual illusions	226, 228, 229	224, 228, 230
3.5 Describe the nature of attention	272	533
3.6 Explain how experiences and expectations influence perception	224, 228, 229	201, 224, 225, 226, 234, 235

STANDARD AREA: CONSCIOUSNESS

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. The relationship between conscious and unconscious processes
- 2. Characteristics of sleep and theories that explain why we sleep and dream
- 3. Categories of psychoactive drugs and their effects
- 4. Other states of consciousness

Content Standards With Performance Standards

CONTENT STANDARD 1: The relationship between conscious and unconscious processes Students are able to (performance standards):

1.1 Identify states of consciousness	180, 188, 189, 190, 191, 198, 199, 200	177, 180, 181, 187, 188, 189, 190, 191, 192, 196
1.2 Distinguish between processing that is conscious (i.e., explicit) and other processing that happens without conscious awareness (i.e., implicit)	188, 189, 190, 191, 199, 200	177, 189, 190, 191

CONTENT STANDARD 2: Characteristics of sleep and theories that explain why we sleep and dream Students are able to (performance standards)

2.1 Describe the circadian rhythm and its relation to sleep	180, 183, 185, 199	180, 183
2.2 Describe the sleep cycle	181, 182, 185	181, 182, 183, 196
2.3 Compare theories about the functions of sleep	180, 181	180
2.4 Describe types of sleep disorders	180, 183, 184, 185, 199, 200	180, 183, 184
2.5 Compare theories about the functions of dreams	183, 184, 185, 200	178, 181, 184, 185

CONTENT STANDARD 3: Categories of psychoactive drugs and their effects

Students are able to (performance standards):

3.1 Characterize the major categories of psychoactive drugs and their effects	193, 194, 195, 196, 197, 198, 199, 232	193, 194, 196, 197, 198
3.2 Describe how psychoactive drugs act at the synaptic level	193, 194, 195, 197, 198, 199, 232	193, 194, 195, 196, 197, 198
3.3 Evaluate the biological and psychological effects of psychoactive drugs	193, 194, 195, 196, 197, 198, 199, 232	193, 194, 195, 196, 197, 198

3.4 Explain how culture and expectations influence the use and experience of drugs	193, 195, 196, 197, 200	193, 194, 195, 196, 197, 198
CONTENT STANDARD 4: Other states of consciousness Students are able to (performance standards)		
4.1 Describe meditation and relaxation and their effects	188, 191, 195, 199	177, 191, 201
4.2 Describe hypnosis and controversies surrounding its nature and use	188, 189, 190, 191, 195, 199, 200	177, 188, 189, 190, 191, 192
4.3 Describe flow states	189	189

DEVELOPMENT AND LEARNING DOMAIN

STANDARD AREA: LIFE SPAN DEVELOPMENT

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Methods and issues in life span development
- 2. Theories of life span development
- 3. Prenatal development and the newborn
- 4. Infancy (i.e., the first two years of life)
- 5. Childhood
- 6. Adolescence
- 7. Adulthood and aging

Content Standards With Performance Standards

CONTENT STANDARD 1: Methods and issues in life span development

Students are able to (performance standards):	•	
1.1 Explain the interaction of environmental and biological factors in development, including the role of the brain in all aspects of development	52, 54, 56, 58, 59, 63, 68, 71, 79, 80, 86, 87, 113, 119, 120, 126, 134, 135, 136, 137, 143, 305, 306, 310, 352–353	52, 58, 65, 66, 85, 86, 113, 145, 147, 151, 152, 170, 173, 221, 228, 233, 413, 475
1.2 Explain issues of continuity/discontinuity and stability/ change	59, 74, 75, 79, 86, 87, 88, 89, 90, 91, 93, 96, 97, 98, 99, 102, 105, 115, 116, 117, 118, 119, 120, 132, 136, 137	96, 98
1.3 Distinguish methods used to study development	56, 58, 59, 84, 94, 95, 96, 97, 115, 119, 120, 126, 127, 128, 129, 130, 137, 138, 143	98, 99
1.4 Describe the role of sensitive and critical periods in development	53, 54, 59, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 95, 96, 97, 98, 99, 102, 103, 104, 115, 116, 117, 119, 120, 126, 129–130, 132, 133, 135, 138–139, 143, 389	84, 86, 87, 89, 91, 115, 116, 117, 121
1.5 Discuss issues related to the end of life	53, 120, 125, 132, 138, 139, 140, 141, 142, 143, 144	125, 138, 139, 140, 141
CONTENT STANDARD 2: Theories of life span development Students are able to (performance standards):		
2.1 Discuss theories of cognitive development	60, 61, 62, 63, 64, 67, 79, 80, 84, 85, 86, 92, 93, 94, 99, 113, 115, 116, 117, 124, 126, 127, 134, 135, 143	86, 90, 92, 93, 94, 103
2.2 Discuss theories of moral development	73, 76, 77, 78, 79, 85, 93, 95, 96, 386	93, 94, 95, 99

2.3 Discuss theories of social development	70, 71, 72, 73, 74, 75, 76, 78, 79, 80, 84, 85, 86, 88, 99, 100, 101, 102, 103, 113, 114, 115, 116, 117, 127, 128, 129, 130	86, 98, 100, 101, 102, 103, 108	
CONTENT STANDARD 3: Prenatal development and the newborn Students are able to (performance standards):			
3.1 Describe physical development from conception through birth and identify influences on prenatal development	52, 53, 54, 79, 160, 165	53, 54, 68	
3.2 Describe newborns' reflexes, temperament, and abilities	54, 55, 56, 58, 80	54, 57, 68	
CONTENT STANDARD 4: Infancy (i.e., the first two years o Students are able to (performance standards):	f life)		
4.1 Describe physical and motor development	53, 55, 56, 80	49, 53, 55, 68	
4.2 Describe how infant perceptual abilities and intelligence develop	54, 56, 69	56, 68	
4.3 Describe the development of attachment and the role of the caregiver	7, 64, 65, 66, 67	56, 64, 66, 67, 68, 543	
4.4 Describe the development of communication and language	50–51, 57, 58, 59, 79, 306, 311	50, 51, 52, 57, 58, 59, 68, 304, 306, 308, 310	
CONTENT STANDARD 5: Childhood Students are able to (performance standards):			
5.1 Describe physical and motor development	53, 54, 55, 56	49, 53, 55, 68	
5.2 Describe how memory and thinking ability develops	60, 61, 62, 95	55, 60, 61, 62, 63, 68	
5.3 Describe social, cultural, and emotional development through childhood	60, 61, 62, 63, 64, 65, 67, 70, 71, 72, 73, 74, 75, 76, 78, 79, 80, 542	60, 61, 62, 63, 68, 70, 71, 72, 73, 75, 76, 77, 78	
CONTENT STANDARD 6: Adolescence Students are able to (performance standards):			
6.1 Identify major physical changes	84, 85, 86, 87, 88, 89, 90, 91, 119	84, 86, 87, 89, 91	
6.2 Describe the development of reasoning and morality	86, 92, 93, 94, 95, 96, 99, 119	90, 92, 93, 94, 95, 99	
6.3 Describe identity formation	82–83, 85, 86, 89, 92, 93, 94, 96, 97, 98, 99, 119, 120, 550	86, 92, 95, 97, 98	
6.4 Discuss the role of family and peers in adolescent development	71, 86, 88, 89, 90, 98, 99, 100, 101, 102, 104, 105, 119, 550, 565, 577, 589, 590	70, 71, 72, 86, 90, 100, 101, 102, 542, 543, 544, 550, 590	
CONTENT STANDARD 7: Adulthood and aging Students are able to (performance standards):			
7.1 Identify major physical changes associated with adulthood and aging	124, 125, 126, 127, 130, 132, 134, 135, 143	124, 125, 126, 132	
7.2 Describe cognitive changes in adulthood and aging	115, 116, 117, 122–123, 124, 126, 127, 130, 134, 135, 136, 137, 143, 144, 616, 617	116, 122, 123, 124, 126, 127, 130, 131, 132, 134, 135, 136	
7.3 Discuss social, cultural, and emotional issues in aging	115, 116, 117, 118, 125, 127, 128, 129, 130, 131, 132, 133, 134, 135, 138, 139, 143	115, 116, 117, 118, 121, 130, 132, 133	

STANDARD AREA: LEARNING

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Classical conditioning
- 2. Operant conditioning
- 3. Observational and cognitive learning

Content Standards With Performance Standards

CONTENT STANDARD 1: Classical conditioning Students are able to (performance standards):		
1.1 Describe the principles of classical conditioning	236, 237, 238, 239, 240, 241, 242, 243, 256, 260, 263, 264, 588, 589, 591	236, 237, 238, 239, 240, 241, 242, 243, 244, 247
 Describe clinical and experimental examples of classical conditioning 	236, 237, 238, 239, 240, 241, 242, 243, 263, 588, 589	236, 237, 238, 239, 240, 241, 242, 243, 247
1.3 Apply classical conditioning to everyday life	236, 237, 238, 240, 241, 242, 243, 256, 260, 261, 263, 264, 273, 588, 589, 591	236, 238, 239, 240, 241, 242, 243
CONTENT STANDARD 2: Operant conditioning Students are able to (performance standards):		

N		
2.1 Describe the Law of Effect	251, 252, 263	251, 252
2.2 Describe the principles of operant conditioning	242, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 256, 260, 261, 263, 264, 306, 510, 511, 589, 591	244, 245, 246, 247, 248, 249, 250, 251, 252, 254
2.3 Describe clinical and experimental examples of operant conditioning	244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 263	244, 246, 247, 248, 251, 252, 254, 255
2.4 Apply operant conditioning to everyday life	244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 255–256, 258, 260, 261, 262, 263, 264, 306, 511, 589, 591	244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255

CONTENT STANDARD 3: Observational and cognitive learning Students are able to (performance standards):

3.1 Describe the principles of observational and cognitive learning	256, 257, 258, 259, 260, 261, 262, 263, 264, 588, 589, 591	256, 258, 259, 261, 262
3.2 Apply observational and cognitive learning to everyday life	256, 257, 258, 259, 260, 261, 262, 263, 264, 588, 589, 591	256, 257, 258, 259, 261, 262, 263

STANDARD AREA: LANGUAGE DEVELOPMENT

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Structural features of language
- 2. Theories and developmental stages of language acquisition
- 3. Language and the brain

Content Standards With Performance Standards

CONTENT STANDARD 1: Structural features of language

Students are able to (performance standards):		
1.1 Describe the structure and function of language	58, 304, 305, 310, 311, 312	57, 304, 305, 306
1.2 Discuss the relationship between language and thought	304, 305, 308, 309, 310, 311, 312	304, 306, 309

CONTENT STANDARD 2: Theories and developmental stages of language acquisition Students are able to (performance standards):		
2.1 Explain the process of language acquisition	50–51, 57, 58, 79, 161, 305, 306, 307, 310, 311	57, 306, 308
2.2 Discuss how acquisition of a second language can affect language development and possibly other cognitive processes	50–51, 161, 305, 307, 308, 309, 311, 312	307, 308
2.3 Evaluate the theories of language acquisition	306, 307, 311	306
CONTENT STANDARD 3: Language and the brain Students are able to (performance standards):		
3.1 Identify the brain structures associated with language	156, 157, 160, 161, 162, 305, 306	160, 161
3.2 Discuss how damage to the brain may affect language	156, 157, 160, 305	160, 161, 275

SOCIOCULTURAL CONTEXT DOMAIN

STANDARD AREA: SOCIAL INTERACTIONS

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Social cognition
- 2. Social influence
- 3. Social relations

Content Standards With Performance Standards		
CONTENT STANDARD 1: Social cognition Students are able to (performance standards):		
1.1 Describe attributional explanations of behavior	533, 536, 537, 539, 540–541, 551	533, 536, 537, 538, 539, 541
1.2 Describe the relationship between attitudes (implicit and explicit) and behavior	536, 537, 539, 551, 560, 591, 592, 594, 596, 597, 600, 601, 602, 607, 608	536, 537, 538, 539, 542, 560, 561, 596
1.3 Identify persuasive methods used to change attitudes	560, 561, 562, 578, 580, 585, 586–587, 594, 596, 602, 603, 604, 605, 606, 607, 608	560, 561, 562, 563, 564, 586, 587, 596, 602, 603, 604, 605, 606
CONTENT STANDARD 2: Social influence Students are able to (performance standards):		
2.1 Describe the power of the situation	537, 545, 559, 566, 567, 568, 569, 570, 571, 573, 583	537, 544, 553, 554, 555, 560, 567, 568
2.2 Describe effects of others' presence on individuals' behavior	101, 542, 545, 554, 555, 558, 565, 566, 567, 568, 569, 570, 571, 572, 583, 595	553, 554, 555, 560, 565, 566, 567, 568, 569, 570, 571, 572
2.3 Describe how group dynamics influence behavior	101, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 567, 568, 570, 583	553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 567, 585
2.4 Discuss how an individual influences group behavior	556, 557, 559, 560, 562, 563, 564, 566, 567, 570, 583	553, 565, 567, 568, 569
CONTENT STANDARD 3: Social relations Students are able to (performance standards):		
3.1 Discuss the nature and effects of stereotyping, prejudice, and discrimination	108, 109, 110, 112, 113, 120, 131, 144, 529, 533, 535, 539, 552, 558, 579, 592–593, 598, 599, 600, 607	6, 88, 108, 110, 126, 201, 454, 477, 521, 535, 569, 570, 585, 592, 593, 598, 599, 600

3.2 Describe determinants of prosocial behavior	101, 113, 114, 168, 169	525, 581, 582
3.3 Discuss influences upon aggression and conflict	102–103, 111, 112, 113, 120, 576, 577, 578, 579, 580, 581, 582	557, 576, 577, 578, 579, 580, 581, 582
3.4 Discuss factors influencing attraction and relationships	101, 102, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 544, 545, 546, 547, 548, 549, 550, 551, 552	521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 534, 542, 543, 544, 545, 546, 547

STANDARD AREA: SOCIOCULTURAL DIVERSITY

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Social and cultural diversity
- 2. Diversity among individuals

CONTENT STANDARD 1: Social and cultural diversity
Students are able to (performance standards):

Students are able to (performance standards):		
1.1 Define culture and diversity	20, 35, 199, 362, 572, 589	572, 580, 600, 604
1.2 Identify how cultures change over time and vary within nations and internationally	35, 99, 100, 109, 110, 114, 119, 133, 563, 571, 572, 589, 608	562, 563, 600, 604
1.3 Discuss the relationship between culture and conceptions of self and identity	35, 85, 89, 93, 97, 98, 99, 109, 110, 111, 112, 113, 114, 119, 528, 571, 572, 578, 589, 592–593, 608	572, 592, 593, 595
1.4 Discuss psychological research examining race and ethnicity	563, 580, 584, 592–593, 597, 601, 607, 608	563, 592, 593
 Discuss psychological research examining socioeconomic status 	101, 392, 516, 572, 580, 599, 600	600
1.6 Discuss how privilege and social power structures relate to stereotypes, prejudice, and discrimination	570, 571, 572, 598, 599, 600, 608	569, 598, 600
CONTENT STANDARD 2: Diversity among individuals Students are able to (performance standards):		
2.1 Discuss psychological research examining gender identity	108, 109, 110, 113, 114	108, 110, 113, 114
2.2 Discuss psychological research examining diversity in sexual orientation	108, 109, 110, 111, 113, 114, 120	108, 110, 113
2.3 Compare and contrast gender identity and sexual orientation	108, 109, 119	109
2.4 Discuss psychological research examining gender similarities and differences and the impact of gender discrimination	108, 109, 110, 111, 112, 113, 114, 119, 127, 129, 130	108, 109, 112, 113, 114
2.5 Discuss the psychological research on gender and how the roles of women and men in societies are perceived	99, 102, 108, 109, 110, 111, 113, 114, 117, 118, 119	108, 109, 110, 112, 114
2.6 Examine how perspectives affect stereotypes and treatment of minority and majority groups in society	108, 109, 110, 113, 114, 117, 118, 120, 599	109, 110, 112, 114, 599
2.7 Discuss psychological research examining differences in individual cognitive and physical abilities	85, 86, 88, 89, 94, 95, 96, 97, 98, 102, 112, 113, 114	108, 112

COGNITION DOMAIN

STANDARD AREA: MEMORY

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Encoding of memory
- 2. Storage of memory
- 3. Retrieval of memory

CONTENT STANDARD 1: Encoding of memory
Students are able to (performance standards)

Students are able to (performance standards):			
1.1 Identify factors that influence encoding	266–267, 268, 269, 270, 271, 272, 275, 287, 288	266, 267, 268, 269, 270, 274	
1.2 Characterize the difference between shallow (surface) and deep (elaborate) processing	275, 288	257, 269, 271, 275	
1.3 Discuss strategies for improving the encoding of memory	270, 271, 272, 275, 284, 287, 288	270, 271, 275	
CONTENT STANDARD 2: Storage of memory Students are able to (performance standards):			
2.1 Describe the differences between working memory and long-term memory	150, 269, 270, 271, 272 273, 274, 275, 276, 288	270, 271, 272, 273, 275, 284	
2.2 Identify and explain biological processes related to how memory is stored	150, 273, 274, 275, 276, 277, 284, 287	273, 274, 275, 276, 279	
2.3 Discuss types of memory and memory disorders (e.g., amnesias, dementias)	134, 135, 143, 151, 161, 269, 270, 271, 272, 273, 274, 275, 276, 283, 288, 295, 468	272, 275, 277, 283, 468	
2.4 Discuss strategies for improving the storage of memories	274, 275, 284, 288	272, 273, 283, 284	
CONTENT STANDARD 3: Retrieval of memory Students are able to (performance standards):			
3.1 Analyze the importance of retrieval cues in memory	27, 268, 269, 272, 273, 280, 281, 282, 284, 286, 287, 288	268, 269, 280, 285	
3.2 Explain the role that interference plays in retrieval	27, 283, 284, 286	268, 269, 283	
3.3 Discuss the factors influencing how memories are retrieved	281, 282, 283, 284, 286	280, 282, 283, 284, 286	
3.4 Explain how memories can be malleable	266–267, 278–279, 282	266, 267, 282	
3.5 Discuss strategies for improving the retrieval of memories	280, 284, 285, 286, 288	284, 285, 286	

STANDARD AREA: THINKING

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Basic elements comprising thought
- 2. Obstacles related to thought

Content Standards With Performance Standards

CONTENT STANDARD 1: Basic elements comprising thought

Students are able to (performance standards):

 Define cognitive processes involved in understanding information 	292, 293, 294, 295, 299, 300, 302–303, 311, 312	292, 293, 294, 299, 302, 303
 Define processes involved in problem solving and decision making 	290–291, 293, 294, 295, 296, 297, 300, 311, 312, 560, 561	290, 291, 293, 295, 296, 297, 299, 301, 302, 303
1.3 Discuss non-human problem-solving abilities	298, 300, 301	301, 307, 308

CONTENT STANDARD 2: Obstacles related to thought Students are able to (performance standards):

2.1 Describe obstacles to problem solving	298, 299, 300	290, 297, 298
2.2 Describe obstacles to decision making	296, 297, 560, 561	296
2.3 Describe obstacles to making good judgments	294, 295, 296, 560, 561	294

STANDARD AREA: INTELLIGENCE

CONTENT STANDARDS

After concluding this unit, students understand:

1. Perspectives on intelligence

for intelligence test scores

- 2. Assessment of intelligence
- 3. Issues in intelligence

Content Standards With Performance Standards

CONTENT STANDARD 1: Perspectives on intelligence Students are able to (performance standards):

1.1 Discuss intelligence as a general factor	122, 126, 134, 135, 348, 349, 353, 354, 355, 356, 363, 375, 376	352, 354, 355, 356, 357, 358, 362
1.2 Discuss alternative conceptualizations of intelligence	353, 354, 355, 356, 363, 375, 376	353, 355, 356, 357, 358
1.3 Describe the extremes of intelligence	354, 359, 376	363

CONTENT STANDARD 2: Assessment of intelligence

Students are able to (performance standards):		
2.1 Discuss the history of intelligence testing, including historical use and misuse in the context of fairness	349, 352–353, 355, 357, 359, 363, 375	349, 350, 352, 355, 356, 357, 359, 360, 361
2.2 Identify current methods of assessing human abilities	349, 357, 358, 363, 366, 367, 368, 375, 376	349, 350, 352, 357, 358, 362
2.3 Identify measures of and data on reliability and validity	348, 349, 350, 351, 361–362, 363, 364,	346, 348, 349, 350, 352, 357, 364, 365

375, 376

CONTENT STANDARD 3: Issues in intelligence Students are able to (performance standards):		
3.1 Discuss issues related to the consequences of intelligence testing	349, 351, 352–353, 359, 362, 363, 375, 376	350, 352, 355, 359, 361, 364, 366, 367, 368
3.2 Discuss the influences of biological, cultural, and environmental factors on intelligence	131, 134, 135, 352–353, 354, 359, 360, 361, 362, 363, 375, 376	352, 358, 361

INDIVIDUAL VARIATIONS DOMAIN

STANDARD AREA: MOTIVATION

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Perspectives on motivation
- 2. Domains of motivated behavior in humans and non-human animals

Content Standards With Performance Standards

CONTENT STANDARD 1: Perspectives on motivation Students are able to (performance standards):

1.1 Explain biologically based theories of motivation	316, 317, 318, 320, 321, 322, 323, 333, 343, 344	316, 317, 318, 319, 321, 322, 323, 324, 325, 326
1.2 Explain cognitively based theories of motivation	316, 319, 320, 321, 343, 344	316, 319, 320, 321
1.3 Explain humanistic theories of motivation	316, 323, 325, 331, 343, 344, 455	316
1.4 Explain the role of culture in human motivation	325, 326, 332–333, 343, 344	319, 322, 325, 326

CONTENT STANDARD 2: Domains of motivated behavior in humans and non-human animals Students are able to (performance standards):

2.1 Discuss eating behavior	104, 105, 106–107, 314–315, 317, 319, 321, 322, 323, 324, 325, 332–333, 457	103, 104, 105, 106, 107, 322, 323, 324, 332, 333
2.2 Discuss sexual behavior and orientation	89, 90, 109, 330, 457	90, 325
2.3 Discuss achievement motivation	323, 326, 327, 329	313, 314, 316, 327, 328
2.4 Discuss other ways in which humans and non-human animals are motivated	189, 327, 328, 329, 330, 331, 394	314, 316, 317, 328, 329, 330, 331

STANDARD AREA: EMOTION

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Perspectives on emotion
- 2. Emotional interpretation and expression
- 3. Domains of emotional behavior

Content Standards With Performance Standards

CONTENT STANDARD 1: Perspectives on emotion Students are able to (performance standards):

Students are able to (performance standards).				
1.1 Explain the biological and cognitive components of emotion	334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 577	334, 336, 337, 339		
1.2 Discuss psychological research on basic human emotions	334, 336, 337, 339, 340, 341, 342, 343, 344	334, 336, 337, 339		
1.3 Differentiate among theories of emotional experience	334, 337–338, 339, 341, 342, 343, 344	334, 337, 338, 339, 341, 342		

CONTENT STANDARD 2: Emotional interpretation and expression Students are able to (performance standards):				
2.1 Explain how biological factors influence emotional interpretation and expression	334, 335, 337, 338, 341, 342, 343, 344	334, 337		
2.2 Explain how culture and gender influence emotional interpretation and expression	335, 336, 337, 341, 342, 343, 344	336, 339, 340		
Explain how other environmental factors influence emotional interpretation and expression	335, 339, 340, 341, 342, 343, 344	339, 340		
CONTENT STANDARD 3: Domains of emotional behavior Students are able to (performance standards):				
3.1 Identify biological and environmental influences on the expression and experience of negative emotions, such as fear	165, 334, 335, 336–337, 338, 339, 340, 341, 342, 343, 344	336, 340, 345		
3.2 Identify biological and environmental influences on the expression and experience of positive emotions, such as happiness	136, 334, 335, 338, 339, 340, 341, 342, 343, 344	337, 338		
STANDARD AREA: PERSONALITY				

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Perspectives on personality
- 2. Assessment of personality
- 3. Issues in personality

Content S	Standar	ds Witl	n Perfor	mance Sto	andards

Content Standards With Performance Standards		
CONTENT STANDARD 1: Perspectives on personality Students are able to (performance standards):		
1.1 Evaluate psychodynamic theories	380, 382, 384, 385, 386, 387, 388, 389, 390, 391, 392, 412, 415, 416,	384, 385, 386, 387, 388, 389, 390, 391, 392, 397, 414
1.2 Evaluate trait theories	380, 383, 406–407, 408, 409, 410, 411, 412, 413, 415, 416, 562	377, 378, 380, 397, 408, 409, 410, 411, 412, 413, 414
1.3 Evaluate humanistic theories	380, 383, 397, 398, 399, 400–401, 405, 412, 415, 416, 502, 503	397, 398, 399, 400, 401, 414
1.4 Evaluate social–cognitive theories	380, 382, 383, 393, 394, 395, 396, 401, 402, 403, 404, 405, 412, 415, 416, 479, 577, 583	393, 394, 395, 396, 397, 404, 405
CONTENT STANDARD 2: Assessment of personality Students are able to (performance standards):		
2.1 Differentiate personality assessment techniques	369, 370, 371, 372, 373, 374, 375, 412, 413, 416	348, 369, 370, 371, 372, 373, 374
2.2 Discuss the reliability and validity of personality assessment techniques	369, 370, 371, 372, 373, 374, 375	348, 369, 370, 372, 374
CONTENT STANDARD 3: Issues in personality Students are able to (performance standards):		
3.1 Discuss biological and situational influences	378–379, 382, 386, 395	378, 379
3.2 Discuss stability and change	386, 387, 389, 481	387

3.3 Discuss connections to health and work	401, 402	345, 371, 411, 412, 414, 417
3.4 Discuss self-concept	390, 391, 419, 588, 590, 591	397, 400
3.5 Analyze how individualistic and collectivistic cultural perspectives relate to personality	392, 404, 405, 416	399, 407

STANDARD AREA: PSYCHOLOGICAL DISORDERS

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Perspectives on abnormal behavior
- 2. Categories of psychological disorders

Content Standards With Performance Standards

CONTENT STANDARD 1: Perspectives on abnormal behavior Students are able to (performance standards):

1.1 Define psychologically abnormal behavior	450–451, 452, 453, 454, 455, 456, 457, 458, 481	449, 452, 453, 454, 455, 456, 457, 458, 478
 Describe historical and cross-cultural views of abnormality 	453, 454, 455, 457, 458, 476	452, 453, 454, 456, 471, 473
1.3 Describe major models of abnormality	455, 456, 458, 459, 460, 461, 462, 463, 466, 467, 468, 469	453, 454, 456, 459, 460, 461, 462, 463, 468
1.4 Discuss how stigma relates to abnormal behavior	456, 457, 477, 489	458, 459, 477
 Discuss the impact of psychological disorders on the individual, family, and society 	449, 457, 458, 459, 460, 475, 477, 482, 483, 485	458, 459, 462, 464, 470, 475, 477, 480, 481, 483, 485

CONTENT STANDARD 2: Categories of psychological disorders Students are able to (performance standards):			
2.1 Describe the classification of psychological disorders	455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487	455, 456, 457, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486	
2.2 Discuss the challenges associated with diagnosis	455, 456, 457, 458, 470, 473, 474, 475, 480, 488	456, 457, 458, 463, 470, 473, 477, 479, 481	
2.3 Describe symptoms and causes of major categories of psychological disorders (including schizophrenic, mood, anxiety, and personality disorders)	414, 453, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 182, 483, 484, 485, 486, 487, 488	449, 455, 456, 457, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486	
2.4 Evaluate how different factors influence an individual's experience of psychological disorders	457, 458, 460, 462, 463, 466, 471, 474, 475, 477, 483, 487	457, 458, 462, 463, 464, 466, 468, 471, 474	

APPLICATIONS OF PSYCHOLOGICAL SCIENCE DOMAIN

STANDARD AREA: TREATMENT OF PSYCHOLOGICAL DISORDERS

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Perspectives on treatment
- 2. Categories of treatment and types of treatment providers
- 3. Legal, ethical, and professional issues in the treatment of psychological disorders

Content Standards With Performance Standards		
CONTENT STANDARD 1: Perspectives on treatment Students are able to (performance standards):		
Explain how psychological treatments have changed over time and among cultures	35, 476, 492, 493, 494, 496, 497, 498, 501, 505, 520, 612, 613, 624	492, 493, 496, 497, 501, 516, 612
1.2 Match methods of treatment to psychological perspectives	494, 495, 504, 505, 519, 520	495, 496, 498, 506, 518
1.3 Explain why psychologists use a variety of treatment options	493, 494, 496, 504, 505, 519, 520	493, 494, 496, 497
CONTENT STANDARD 2: Categories of treatment and type Students are able to (performance standards):	es of treatment providers	
2.1 Identify biomedical treatments	486, 488, 489, 494, 512–513, 514, 515, 516, 517, 518, 519, 520	495, 514, 515, 516, 517, 518
2.2 Identify psychological treatments	489, 493, 494, 495, 496, 497, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 519, 520	493, 495, 497, 498, 499, 500, 501, 502 503, 504, 505, 506, 507, 508, 509, 510 511
2.3 Describe appropriate treatments for different age groups	496, 497, 510, 520	495, 496, 497
2.4 Evaluate the efficacy of treatments for particular disorders	486, 497, 498, 504, 505, 506, 510, 520	504, 506, 508, 515
2.5 Identify other factors that improve the efficacy of treatment	486, 497, 498, 505, 520	504, 506
2.6 Identify treatment providers for psychological disorders and the training required for each	486, 497	495, 517
CONTENT STANDARD 3: Legal, ethical, and professional i Students are able to (performance standards):	ssues in the treatment of psychological	disorders
3.1 Identify ethical challenges involved in delivery of treatment	498, 512–513, 518, 520	494
3.2 Identify national and local resources available to support individuals with psychological disorders and their families (e.g., NAMI and support groups)	485, 486, 495, 497, 498, 520, 549, 552, 578, 599	486, 498, 549, 550, 612
STANDARD AREA: HEALTH		
CONTENT STANDARDS After concluding this unit, students understand: 1. Stress and coping 2. Behaviors and attitudes that promote health		
Content Standards With Performance Standards		
CONTENT STANDARD 1: Stress and coping Students are able to (performance standards):		
1.1 Define stress as a psychophysiological reaction	420, 421, 438–439, 445, 448	420, 421, 438
1.2 Identify and explain potential sources of stress	418–419, 420, 421, 422, 423, 424, 425, 426, 427, 438–439, 444, 448	418, 420, 421, 422, 423, 424, 425, 426 427, 438

1.3 Explain physiological and psychological consequences for health	421, 424, 426, 427, 428–429, 430, 431, 432, 433, 437, 438–439, 442, 443, 444, 445, 448	421, 425, 426, 430, 438, 444, 449
1.4 Identify and explain physiological, cognitive, and behavioral strategies to deal with stress	423, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438–439, 440, 441, 442, 443, 444, 445, 446, 447, 448	423, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 440, 441, 442, 443, 444, 445
CONTENT STANDARD 2: Behaviors and attitudes that promote health Students are able to (performance standards):		
2.1 Identify ways to promote mental health and physical fitness	442, 443, 444, 445, 446, 447, 448, 616–617	432, 435, 439, 442, 443, 446
2.2 Describe the characteristics of and factors that promote resilience and optimism	434, 442, 443, 444, 445, 446, 447, 448	434, 442, 443, 444, 446
2.3 Distinguish between effective and ineffective means of dealing with stressors and other health issues	440, 441, 442, 443, 444, 445, 447, 448	435, 439, 441, 442, 443, 444, 446
STANDARD AREA: VOCATIONAL APPLICATIONS		
CONTENT CTANDADDS		

CONTENT STANDARDS

After concluding this unit, students understand:

- 1. Career options
- 2. Educational requirements
- 3. Vocational applications of psychological science

Content Standards With Performance Standards			
CONTENT STANDARD 1: Career options Students are able to (performance standards):			
1.1 Identify careers in psychological science and practice	18, 19, 20, 21, 24, 52, 68, 158, 255–256, 495, 612, 613, 614, 615, 618, 619, 620, 621, 622, 624	18, 167, 613, 614, 615, 618, 619, 620, 621, 622	
1.2 Identify careers related to psychology	18, 19, 20, 21, 24, 205, 206, 223, 229, 231, 242, 306, 495, 612, 613, 614, 615, 618, 619, 620, 621, 622, 624	1, 18, 167, 612, 614, 615, 618, 619, 620, 621, 622	
CONTENT STANDARD 2: Educational requirements Students are able to (performance standards):			
 Identify degree requirements for psychologists and psychology-related careers 	18, 23, 495, 614, 618, 619, 620, 621	18, 615, 619, 621, 622	
Identify resources to help select psychology programs for further study	22, 624	18, 619	
CONTENT STANDARD 3: Vocational applications of psychological science			
3.1 Discuss ways in which psychological science addresses domestic and global issues	18, 19, 21, 74, 255–256, 612, 614, 615, 616–617, 619, 620, 621, 622, 623, 624	21, 22, 609, 612, 614, 615, 616, 617, 619, 620, 621, 622	
3.2 Identify careers in psychological science that have evolved as a result of domestic and global issues	255–256, 614, 615, 616–617, 619, 620, 621, 622, 623, 624	21, 614, 615, 616, 617, 619, 620, 621, 622	