

AP Psychology

Required Textbook: Ciccarelli White Psychology 4th Edition 2015 with MyPsychLab with Pearson eText (2015): AP Student Edition with MyPsychLab with Pearson eText (6 years)

ETEXT AND MYPSYCHLAB ARE NOT REQUIRED. If you can find a book without etext, that is fine! However, MyPsychLab is an extremely beneficial study tool, but not necessarily a requirement. **ISBN:** 978-0-13-385501-2

*****THE ENTIRE SUMMER ASSIGNMENT MUST BE COMPLETED AND SUBMITTED IN WHOLE BY JULY 29th. PLEASE SUBMIT ALL YOUR COMPLETED ASSIGNMENTS AT ONE TIME TO MRS. KOWALSKI – CKOWALSKI@BGUILFOYLE.ORG. DO NOT EMAIL ASSIGNMENTS PIECE BY PIECE – points will be deducted. ABSOLUTELY NO ASSIGNMENTS WILL BE ACCEPTED PAST MIDNIGHT ON JULY 30TH*****

Summer Assignment:

Read and highlight (optional) in textbook:

1. Preface, Textbook introduction, and Chapter 1 – The Science of Psychology
 - a. Complete the Chapter 1 Question Guide
 - b. You will have a test on Chapter 1 the first week back to school.
2. Read and highlight (optional) in textbook Chapter 2 – The Biological Perspective
 - a. Complete the vocabulary sheet. You will be expected to have a *general* understanding of each term upon return to school.
3. A PDF copy of the outside reading text for AP Psychology “Forty Studies that Changed Psychology” by Roger R. is on Canvas. Read the case studies and complete the question form for the following readings. Each section of the form needs to be in complete sentences, at least 7 sentences in length. Some sections may need more attention – give it. DO NOT copy word for word – this is plagiarism, and you will receive an automatic 0.
 - a) Reading #2: “More Experience = Bigger Brain” pages 12-18
 - b) Reading #29: “Who’s Crazy Here, Anywhere?” pages 225-233

Available for purchase from: pearsonschool.com/k12catalogs or 1-800-848-9500. When ordering you must tell the representative that this is for the high school AP Psychology course at Bishop Guilfoyle Catholic H.S. in Altoona, PA 16602. The book can also be purchased on Amazon or from previous AP Psychology students.

Teacher Email: Mrs. Chalsea Kowalski - ckowalski@bguilfoyle.org

Additional Purchases: I highly suggest (but not required) you purchase an AP Psychology test workbook. They are full of practice AP test questions and reviews. It does not matter what company it comes from – Pearson and Barron are two of the best.

Chapter 1 Question Guide

Directions: After reading chapter 1 in your textbook, answer the following questions in complete sentences unless otherwise noted.

1. Define psychology
2. What are the four goals of psychology? Explain each.
3. How did structuralism and functionalism differ and who were the important people in these early fields?
4. What were the basic ideas and who were the important people behind the early approaches known as Gestalt psychoanalysis and behaviorism?
5. How did Mary Cover Jones impact the idea of counterconditioning?
6. What are the basic ideas behind the seven modern perspectives? Who are the prominent figures?

7. What are the important contributions of Skinner, Maslow, and Rogers?

8. How does a psychiatrist differ from a psychologist and what are the other types of professionals who work in the various areas of psychology?

9. Why is psychology considered a science?

10. What are the steps in using the scientific method? Be descriptive. (List is fine)

11. What are the different methods of investigating research questions? What are the positives and negatives of each?

12. How are case studies and surveys used to describe behavior?

13. What is the correlational technique and what does it tell researchers about relationships?

14. Explain the 5 types of correlations. (List is fine)

15. Define and explain how operational definitions, dependent and independent variables, experimental and control groups, and random assignments used in designing an experiment.

16. Compare the experimenter and placebo effects. How can they cause problems in an experiment? How can single-blind and double-blind studies control these effects?

17. What are some ethical concerns that can occur when conducting research with people and animals?

18. Define pseudopsychologists.

AP Psychology: Chapter 2 Vocabulary

The Biological Perspective

1. Nervous system
2. Neuroscience
3. Behavioral Neuroscience

Structure of a Neuron

4. Neuron
5. Dendrite
6. Axon
7. Axon terminal
8. Glial cells
9. Oligodendrocytes
10. Schwann Cells

11. Myelin

12. Nerves

Neural Impulse

13. Diffusion

14. Semipermeable

15. Resting Potential

16. Action potential

17. All-or-none

Synapse

18. Synaptic vesicle

19. Neurotransmitter

20. Synaptic Gap

21. Receptor sites

22. Excitatory synapse

23. Inhibitory synapse

24. Antagonist

25. Agonist

Neurotransmitters

26. Acetylcholine

27. Dopamine

28. Serotonin

29. GABA

30. Glutamate

31. Endorphins

Reuptake/Enzymes

32. Reuptake

33. Enzymatic degradation

34. SSRI Drugs

Nervous System

35. Central nervous system

36. Spinal cord

37. Afferent neurons

38. Efferent neurons

39. Interneurons

40. Reflex arc

41. Neuroplasticity

42. Stem cells

43. Peripheral nervous system

44. Somatic nervous system

45. Autonomic nervous system

46. Sensory Pathway

47. Motor pathway

48. Sympathetic division

49. Parasympathetic division

Glands

50. Endocrine glands

51. Pituitary gland

52. Oxytocin

53. Pineal gland

54. Thyroid gland

55. Pancreas

56. Diabetes

57. Gonads

58. Adrenal glands

59. Corticoids

The Brain

60. Lesioning

61. CT scan

62. MRI

63. EEG

64. MEG

65. PET

66. fMRI

Structures of the Brain

67. Medulla

68. Pons

69. Reticular Formation

70. Cerebellum

71. Limbic System

72. Thalamus

73. Olfactory Bulbs

74. Hypothalamus

75. Hippocampus

76. Corpus Callosum

77. Cerebral Cortex

78. Amygdala

79. Cingulate Cortex

80. Occipital Lobes

81. Parietal Lobes

82. Somatosensory Cortex

83. Temporal Lobes

84. Frontal Lobes

85. Motor Cortex

86. Broca's Area

87. Broca's Aphasia

88. Wernicke's Area

89. Wernicke's Aphasia

90. Spatial Neglect

Name: _____

Date: _____

Forty Studies That Changed Psychology:

Article Title: _____

If any section is not in the reading, please skip.

1. History

2. Theoretical Proposition

3. Method

4. Results and Discussion

5. Criticisms and Subsequent Research

6. Recent Applications

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