

Mr. Proctor's AP Psychology Summer Assignment

Welcome to AP Psychology at Fulton Science Academy Private School! In this course, we'll be exploring many topics and famous people in the world of psychology. We'll also develop our writing and research skills and prepare for the AP examination in the spring.

In preparation (and because there's so much material to cover), you'll complete an assignment over the summer. This assignment is due on the first day of school, unless you've been told otherwise by an administrator or myself. Feel free to contact me at any time during the summer at jproctor@fultonscienceacademy.org. However, I cannot guarantee that I'll be able to reply right away. Please don't wait til the last minute to contact me about an assignment.

Please turn in a hard copy of your assignments!

Assignment 1: Psychology Scavenger Hunt

Directions: Using the Internet or other resources, research the following topics and provide answers. This should be an easy assignment, so please no plagiarism!

Biological Basis of Behavior

This emphasizes the relationship between biology and behavior. Here we will examine how the nervous system, endocrine system, and the brain affect behavior and decision-making.

- 1) What are neurons and how do neurons work?

- 2) What is the function of the peripheral nervous system?

- 3) What is the function of the central nervous system?

Go here:

http://www.emedicinehealth.com/anatomy_of_the_endocrine_system/article_em.htm#Endocrine%20System%20Introduction

- 4) What are some things regulated by the endocrine system?

- 5) What are the major glands of the endocrine system?

6) Describe the adrenal glands, what functions do they serve?

Go here:

<http://www.radiologyinfo.org/en/info.cfm?PG=fmribrain>

7) What does MRI stand for? What are MRIs of the brain used for?

Go here:

<http://www.radiologyinfo.org/en/info.cfm?PG=pet>

8) What does PET stand for? What functions can a PET scan monitor?

9) Search the Internet for a diagram of “Brain Structures and their functions”. List and explain 3 areas in the brain and their major functions.

Sensation and Perception

This subfield involves processing the information gathered by the nervous system and the brain into meaningful experiences and feelings.

Search one of the following websites and find an article that deals with sensation and perception. This article should focus on any of the following: anatomy and function of the eye or ear, sensory disabilities such as deafness and color blindness, color theories of vision, or the role played by experience and culture in sensory perception.

<https://www.psychologytoday.com/us/magazine/archive>

https://www.sciencedaily.com/news/mind_brain/psychology/

Title of article:

10) In the space below, summarize the article and describe how it relates to sensation and perception.

States of Consciousness

The focus in this field is on states of mind and how they are altered through experiences, sleep, and biological functions.

Go Here:

http://alleydog.com/topics/consciousness_sleep.php

11) What was the focus of William James' studies of consciousness?

12) What are the levels of consciousness as described by Sigmund Freud?

13) Describe the views of Carl Jung.

14) What is REM sleep?

15) Describe meditation and its purposes.

16) How can drugs impact consciousness?

Learning

There are several types of learning. Research and practice can center on the way the brain retains information as well as how learning can impact and change behavior.

Go Here:

http://nobelprize.org/educational_games/medicine/pavlov/readmore.html

17) Describe the Pavlov's Dog experiment. What was Pavlov trying to investigate?

18) Why were Pavlov's experiments so important to psychology?

Go here: <http://www.simplypsychology.org/operant-conditioning.html>

19) What is operant conditioning?

20) Whose research was Skinner's work based on?

Cognition

Information and research here will focus on memory, thinking, language and intelligence.

Read this article: <http://www.davidmyers.org/Brix?pageID=65>

21) In the space below, discuss one of your own fears that might seem illogical to others. What are the influences on our intuitions about risk?

Motivation and Emotion

Here psychologists focus on the influences of motivations and the causes and impacts of human emotions. Go Here:

<http://psychology.about.com/od/motivation/a/drive-reduction-theory.htm>

22) Describe the drive-reduction theory.

Go Here: <http://allpsych.com/psychology101/emotion.html>

23) What are the parts of the James-Lange theory?

24) How is the Cannon-Bard theory different?

25) Which of the theories do you feel is most accurate? Explain your answer.

Developmental Psychology

Focus on changes in behavior, emotion, cognition and perception throughout the life span.

26) As an introduction to some of the issues of developmental psychology, research the stages of develop proposed by 2 different thinkers: Piaget and Erikson.

27) Describe what you see as the key differences between these two theories of development. Where do you think you are on Piaget's and Erikson's stages?

Assignment 2: Getting to know you

Directions: *There is an ongoing debate in Psychology over whether Nature (biology, genes, physical traits) or Nurture (family, environment, culture) has the most influence on our behavior, thoughts, and most of what we care about. Most Psychologists agree that both have some impact on people. Describe the ways you see both nature and nurture as impactful to your life and development.*

Your response should be at least 2-3 pages, double-spaced, in times new roman 12 pt. font and 1 inch margins. Use the following heading as your guide:

Your Name

Summer Essay

AP Psychology

Mr. Proctor

Day Month 2018

Title

Assignment 3: “Failing to Prepare is Preparing to Fail”

This assignment should be the easiest one! Simply purchase your materials before coming to class on the first day. You can do this early in the summer to avoid having to wait in line, or just order them online.

Please bring the following to class every day:

- A 3-ring binder with PLENTY of notebook paper
- Dividers for your binder
- Index cards
- A composition notebook with college-ruled paper