

Middletown Township Public Schools
High School North and High School South
AP Psychology Assignment
Summer 2016

AP Psychology Summer Assignment 2016-2017

All AP students must have the following assignments complete by the end of the first week of school. This assignment will be worth 10% of your first marking period grade. The first part is an internet scavenger hunt, and the second part is self-introduction. Please be sure to print out the packet and complete the first part in your own handwriting to turn in. You may type up the self-introduction part. I look forward to meeting you all in the fall!

Part 1- Scavenger hunt

Directions: using the library, newspapers, internet, and magazines to answer the following questions. The major areas of psychology are covered in this investigation. Please be sure your answers are complete.

1. Biological Basis of Behavior

This unit emphasizes the relationship between biology and behavior.

1. What are neurons? How do they work?
2. What is the function of the peripheral nervous system?
3. What is the function of the central nervous system?
4. What is the function of the endocrine system? What are its major glands? What functions are performed by each gland?
5. Search the internet for a diagram of the brain and its structures and functions, be sure it labels at least 10 parts of the brain- be sure to describe the function of 5 of the parts. (Write on the back of the diagram)
6. Describe at least 3 ways different ways to study the brain which are non-invasive imaging techniques. What are the pros and cons of each?

2. Sensation and Perception

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 or blindness, or sensory integration disorder.

www.psychologytoday.com

www.sciencedaily.com

print out the article and provide a one paragraph summary.

3. States of Consciousness

Check out alleydog.com/topics/consciousness_sleep.php

1. What are the levels of consciousness as described by Sigmund Freud?
2. Describe the stages of sleep
3. How can drugs impact consciousness?
4. Pick a psychoactive drug from each of the following categories and analyze its addictive properties. Stimulants, depressants, hallucinogens

4. Learning

Describe Pavlov's dog experiment

Why were Pavlov's experiments so important to Psychology?

Who is BF Skinner and why is his research so important?

What was John B Watson's most famous quote?

5. Cognition

Search the internet for cartoons that discuss memory. Please print out and attach two cartoons.

What is the difference between an aptitude test and an achievement test?

Motivation and emotion

Describe the drive reduction theory in motivation.

How do the James-Lange theory of emotion and the Cannon-Bard Theory differ?

Part 2

Getting to Know You

Discuss the ways you think Nature (genetics) and nurture (environment, upbringing) have influenced your everyday thoughts and behaviors as well as your life goals and ambitions. Feel free to discuss any aspect of your life here; it should be 1-2 pages max. This can be typed