

Hello, and welcome to Advanced Placement Psychology at Cambridge Christian School! I'm honored to be your AP instructor in psychology for the 2018-19 academic year. **My goal is that everyone is prepared for the AP Psychology exam and passes with a 3 or higher.**

When we meet in August, we will hit the ground running with material. We have a lot to cover in our time together.

On the first day of class there will be a quiz (or test) over the material learned in the summer, followed by a discussion. Be prepared!

Below are some resources that I highly recommend you use as the assignments unfold:

American Psychological Association (www.apa.org) - excellent resource!

The Encyclopedia of Psychology (www.psychology.org/resources) – articles and tips!

History of Psychology Catalog (<http://elvers.us/hop/>) - organizes by name of psychologist!

Psychology Terms (<https://psychcentral.com/encyclopedia/>)-Terms!

Please purchase the AP Psychology prep book 5 Steps to a 5: AP Psychology by Laura Maitland, published by McGraw Hill OR Barron's AP Psychology, 7th or 8th edition.

Using your AP prep book or a resource above (website might be limited at times), define each of the numbered terms below in a complete sentence. You must also choose 30 of these terms and give a real-life example. Please number each term and keep them in order. There are 65 terms here and around 800 to know by the AP exam. It will be combined with your other summer assignment and count as your first two quiz grades.

You must be 1 intrinsically motivated to be in this class for there are very few 2 extrinsic motivators. Hopefully you'll get in the 3 flow even before class begins because there is a 4 positive correlation between 5 happiness and higher test scores. I'm certain that all of you did not miss the 6 critical period; therefore you should be able to use both 7 fluid intelligence and 8 crystallized intelligence to find answers. Additionally, you will be using your 9 Broca's area and 10 Wernicke's area to communicate with everyone in our class while using correct 11 grammar, proper 12 syntax, 13 morphemes, and 14 phonemes. There will be all sorts of 15 transduction and 16 parallel processing happening in our brains as we journey into the world of 17 Psychology. Our 18 hippocampi will be very busy as we 19 encode and find 20 storage for information. New information will undergo 21 assimilation and 22 accommodation in your 23 cognitive schemas. You'll be asked to 24 recall and 25 retrieve for the AP exam without the use of 26 artificial intelligence or other assistance. Instead you can use 27 elaborative rehearsal techniques such as 28 mnemonics, 29 chunking, 30 imagery, and 31 acronyms to enhance your retention. Even though your 32 hormones may be raging and your 33 neurotransmitters flowing, hopefully no one in our class will be suffering from 34 narcolepsy, 35 sleep apnea, 36 insomnia, 37 night terrors, 38 split brain, or a 39 lobotomy, as that will make 40 learning and studying very difficult to say

the least! I can guarantee that this class will test your ideas of what is and is not a 41 norm. I can also guarantee that this class will at times upset you, 42 conditioning you into 43 critical thinking, 44 self disclosure, and into 45 belief perseverance. At the same time, this class will enlighten you about those of us who may have 46 psychological disorders or 47 intellectual disabilities, and help to remove our 48 fixations (non-Freudian definition here please), 49 functional fixedness, 50 prejudices, and 51 stereotypes. But don't have a 52 panic attack, even though we enter the world of the abnormal, we head right into 53 therapy to help us solve some problems and may inspire us to be more 54 altruistic. Your 55 creativity will be valued in this class. Your 56 attitude is critical for success and 57 social loafing, slacking, procrastinating, copying or cheating are never good ideas. Working together to pass the AP Exam and the final exam is one of our 58 superordinate goals. By the time you walk into to gym on Monday, May 2, 2016 you will have 59 self-efficacy because you will have learned that if you are confident in your ability to get a 5, you will! So, have a wonderful summer. Keep your 60 neural networks going and be certain to protect your 61 neurons, 62 brainstem, 63 limbic system, and 64 cerebral cortex safe as our brains have only so much 65 plasticity.

AP Psychology Summer Assignment

Welcome to Advanced Placement Psychology at Cambridge Christian School. During the 2018-2019 school year, we will be exploring the world of psychology, improving our research/writing skills and preparing for the AP Examination in the spring. Successful completion of this course will yield a greater understanding of psychology, yourself, and the world around you. It is also our goal to prepare you for the content, format, and rigor of a college level course and examination. In preparation, you will need to complete the following assignments over the summer. This will help prepare you for the content and format of the course.

Summer assignment is due to your teacher in class on the first day of school!

As you work, if you have any questions or trouble with links, just email me:

nlewis@cyslancers.com

Summer Scavenger Hunt: Getting to Know Psychology:

Directions: Complete the following questions as an introduction psychology. Use the suggested websites to answer the questions. Some of the questions will ask you to attach an article or a picture. When doing this, label each and attach in the order they are asked for in the scavenger hunt. ***ALL RESPONSES ARE TO BE HANDWRITTEN ON SEPARATE PAPER.***

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.

Go here: http://fod.infobase.com/HTTP/33100/33114_guide%20C.pdf

You will need to scroll down to the section of vocabulary terms.

- 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?

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 3 important endocrine system glands are located in the brain?
- 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 MRI's 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". Print out the diagram and attach it to you scavenger hunt. On the back of the diagram, list and explain 3 parts of the brain and their functions.

Go here: <http://en.sommer-sommer.com/braintest/>

10- Take the Right Brain vs. Left Brain test. Are you right brained or left brained? Do you agree with the description of your dominant side?

Sensation and Perception

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

Go Here: http://www.michaelbach.de/ot/mot_adapt/index.html

11- Define the Motion Aftereffect.

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://www.simplypsychology.org/unconscious-mind.html>

12- What are Freud's levels of consciousness?

Learning

There are several types of learning which psychologists focus on. Research and practice can center around 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

13- Describe the Pavlov's Dog experiment. What was he trying to investigate? (q.14 on next page)

14- Why were Pavlov's experiments so important to psychology?

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

15- What is operant conditioning?

16- Whose research was Skinner's work based on?

17- Take this quiz on learning styles <http://www.edutopia.org/multiple-intelligences-learning-styles-quiz> Analyze your results. Were you surprised by the learning styles in which you had the highest percentages? Explain. What could be the use of a test like this?

Cognition

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

(Source for cartoon to the right: <http://www.offthemarkcartoons.com/cartoons/1998-10-01.gif>)

18- Search the internet for 2 cartoons like the one below that discuss memory. Attach the cartoons to your scavenger hunt. Try to explain how this might relate to memory and psychology. You may have to search around a little with this site.



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

19- 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://allpsych.com/psychology101/emotion.html>

20- What are the parts of the James-Lange theory?

21- How does the Cannon-Bard theory look different?

22- Which of the theories do you feel is most accurate? Explain your answer.

Developmental Psychology

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

23- As an introduction to some of the current issues of developmental psychology, read the following article: <http://www.theatlanticwire.com/technology/2011/08/what-facebook-does-kids-brains/40973/>

Discuss the extent to which you agree with the author's point of view. Overall, is Facebook more helpful or harmful to kids? Explain.

Personality

This field of psychology focuses on our underlying patterns of thinking, feeling, and behavior.

Go Here: <https://www.16personalities.com/free-personality-test>

24- Describe your results, including the four-letter type and short description. Do you think the results are accurate of you?

25- What could be some pitfalls with this type of test?

Abnormal Psychology and Treatments of Psychological Disorders:

Focus of the causes and definition of mental disorders as well as appropriate ways to treat these conditions.

Go here: <http://www.health.com/health/gallery/thumbnails/0,,20393228,00.html> (q. on next page)

26- Choose 3 of the “10 Things to Say (and 10 Not to Say) to Someone with Depression” and explain why you think sometimes people give the wrong advice in this area. How can we help educate people on how to help friends and family that might be suffering from depression?