

Why do we sleep?

What are the long term and short term effects of sleep deprivation?

How do both nature and nurture influence behavior and mental processes?

- Give an example of a human behavior that has for which nature is more of an influence.
- Give an example of a human behavior for which nurture has a greater influence.
- Explain why you believe these to be true.

In what ways is our confidence in our predictions often wrong?

- Think of concepts or phenomenon from various chapters that influence our judgements and can lead us to inaccurate conclusions.

Why is correlation not the same as causation?

- Give a hypothetical example of behaviors which are
 - negatively correlated
 - positively correlated
- Discuss correlational coefficients and how they represent relationships between variables

How does knowledge of the properties of standard deviation (the normal curve and measures of central tendency) help you make more informed decisions?

- What are the statistical measures of central tendency?
- What are the measures of variability?
- Which area of study relies heavily on normal curve/standardization?

Why are parts of the brain that control more basic functions called “older”?

- What are the parts of the hindbrain? What do they control?

How have modern techniques of studying the brain helped our understanding of behavior and mental processes?

- What are the different brain imaging techniques and how do they differ in the information they provide?

What are the implications of having the ability to attend selectively to stimuli?

- Discuss how attention is limited. What terms identify the limitations of our attentive abilities?

What are the most important aspects of the eye that make vision possible?

- What are the different theories explaining color vision?

What aspects of the ear make hearing possible?

- Discuss the differences in the two kinds of deafness.

How are consequences important to learning?

- Discuss the types of reinforcers and how they affect behavior.
- Discuss the types of punishments and how they affect behavior.

How important are role models?

- Discuss the effects of observational learning on humans.
- Give an example of behaviors that are influenced by observational learning.

What is the relationship between getting information into and out of memory?

- Discuss the two types of amnesia.

What are the best strategies for solving problems?

- Discuss the types of heuristics often used by humans.

How do we develop language?

- What are the basic structures of language?

How do drives and incentives motivate behavior?

- What are the needs at each level of Maslow's Hierarchy?

Which brain areas and chemicals influence hunger?

- How are the main eating disorders discussed in our unit different from each other?

What cues are important in detecting emotions in others?

- What is the name for the universal smile?
- Discuss the relationship between culture and emotional expression.

What is stress?

- What can cause stress?
- How is stress related to our immune system functioning?
- How can we manage stress better?

What are some important factors to healthy prenatal and newborn development?

- Define teratogens and describe how different ones can affect a fetus.

What are Piaget's four stages of cognitive development?

- Discuss object permanence and its relationship to stranger anxiety.

Why is becoming attached to someone else important?

- What are the different temperaments and parenting styles?
- How can they affect attachment and development?

How much influence does culture have on your gender role?

- What are the benefits of belonging?
- How can ostracism affect a person?

How important is it for adolescents to form an identity?

- Discuss the eight stages of Erik Erikson's theory of psychosocial development.

How do adults change cognitively as they age?

- Discuss the differences between crystallized and fluid intelligence.

How does psychoanalysis explain personality?

- What are the parts of personality according to Freud?

What does it mean to be self-actualized?

- How did Carl Rogers measure self actualization?

What is a personality test?

- What is the difference between an objective test and a projective test?
- Give an example of each.

How is trait theory different from the other perspectives ideas on personality?

- What are the Big Five traits?

What are the implications of the label “psychological disorder”?

- What tool do we use to diagnose mental illness?
- What is the difference between psychiatrist and psychologist?

How do we explain our and others behavior?

- Discuss the attribution errors. Give an example for each one.

Why do we conform?

- Discuss Solomon-Asch's famous study. What are the variables in this experimental design?

What factors influence obedience?

- Discuss Milgram's obedience study.
- What are the major ethical guidelines set forth for psych research today?

How does the presence of a group influence behavior?

- Discuss groupthink, group polarization, deindividuation.

What psychological factors affect attraction?

- Identify the various types of love stated in Sternberg's Triangular theory of love.

Is intelligence one general ability or several specific abilities?

- Discuss the theories of intelligence proposed by Spearman, Gardner and Sternberg.

What makes a test good?

- Discuss the types of validity and the methods we use to test reliability.