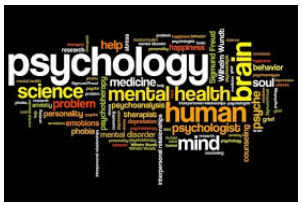
**Name** _____




# Unit Zero - Research Design Terms and Psychology TEDTalks
# AP Psychology Summer Homework

**I agree to abide by the Bishop Verot Honor Code(sign below)**

**Introduction:** **Psychology is the study of human behavior and mental processes. Psychology utilizes the scientific method in gathering and analyzing information about human behavior. The following terms are associated with the methods, designs, and data representation and analysis that psychologists use.**

**Directions:** **Use your resources to find the definitions to the following Psychology Terminology. It is REQUIRED that these terms be handwritten. Find an image or an example to help you with this term. Here is a link to a source that will help you with this: https://openstax.org/details/books/psychology-2e**

| Term | Definition | Example/Image |
|---|---|---|
| **1. Psychology** | | |
| **2. Hypothesis** | | |
| **3. Falsifiable** | | |
| **4. Operational definition** | | |
| **5. Qualitative data** | | |
| **6. Quantitative data** | | |
| **7. Population** | | |
| **8. Sample** | | |
| **9. Correlational research design** | | |
| **10. Directionality problem** | | |

| Term | Definition | Example/Image |
|---|---|---|
| **11. 3rd variable problem** | | |
| **12. Positive correlation** | | |
| **13. Negative correlation** | | |
| **14. Lab Experiment** | | |
| **15. Cause and effect** | | |
| **16. Independent variable** | | |
| **17. Experimental Group** | | |
| **18. Control group** | | |
| **19. Dependent variable** | | |
| **20. Placebo effect** | | |

| Term | Definition | Example/Image |
|---|---|---|
| **21. Double blind experiment** | | |
| **22. Single blind experiment** | | |
| **23. Confound(also known as confounding variable)** | | |
| **24. Random assignment** | | |
| **25. Naturalistic Observation** | | |
| **26. Case Study** | | |
| **27. Meta-Analysis** | | |
| **28. Descriptive statistics** | | |
| **29. Measures of central tendency** | | |
| **30. Mean** | | |

| Term | Definition | Example/Image |
|---|---|---|
| **31. Median** | | |
| **32. Mode** | | |
| **33. Bimodal** | | |
| **34. Skews** | | |
| **35. Negative Skew** | | |
| **36. Positive Skew** | | |
| **37. Range** | | |
| **38. Standard Deviation** | | |
| **39. Inferential Statistics** | | |
| **40. Statistical significance** | | |

| Term | Definition | Example/Image |
|---|---|---|
| **41. Effect size** | | |
| **42. Ethical Guidelines** | | |
| **43. Confidentiality** | | |
| **44. Informed Consent** | | |
| **45. Debriefing** | | |
| **46. Deception** | | |
| **47. No harm** | | |
| **48. Privacy** | | |
| **49. Right to withdraw** | | |
| **50. Reliability** | | |

| Term | Definition | Example/Image |
|---|---|---|
| **51. Validity** | | |
| **52. Pilot Study** | | |
| **53. Ecological Validity** | | |
| **54. Replication** | | |
| **55. Natural Experiment** | | |
| **56. Controls** | | |
| **57. Questionnaire** | | |
| **58. Open questions** | | |
| **59. Closed questions** | | |
| **60. Social desirability bias** | | |

| Term | Definition | Example/Image |
|---|---|---|
| **61. Interview** | | |
| **62. Structured Interview** | | |
| **63. Unstructured Interview** | | |
| **64. Wording effects** | | |
| **65. Longitudinal Design** | | |
| **66. Bar Chart** | | |
| **67. Histogram** | | |
| **68. Self-Report** | | |
| **69. Triangulation** | | |
| **70. Convenience sample** | | |

| Term | Definition | Example/Image |
|---|---|---|
| **71. Sampling bias** | | |
| **72. Cultural norms** | | |
| **73. Experimenter bias** | | |
| **74. Participant bias** | | |
| **75. Cognitive bias** | | |
| **76. Confirmation bias** | | |
| **77. Hindsight bias** | | |
| **78. Overconfidence** | | |
| **79. Hawthorne Effect** | | |
| **80. Peer review** | | |

**Part 2: TEDTalk Analysis**

1. **Find three TEDTalks that are associated with Psychology concepts.**
    - Some speakers to investigate to guide you: VS Ramachandran, Phillip Zimbardo, Elizabeth Loftus, Sebastian Seung, Daniel Amen, .
    - Some topics of interest: Parts of the brain, Brain scans, Social behavior, intelligence, learning, memory, motivation, emotion, psychological disorders.

For **each TED Talk** write the following:

**What to Submit:**

2. **Summary (5-7 sentences)**
    - Explain the main ideas of the talk in your own words.
    - Identify any psychological concepts or terms mentioned.
    - Do *not* copy a transcript—use your own language.
3. **Reflection (1 paragraph, 6–10 sentences)**
    - What did you find interesting or surprising?
    - Can you relate this to anything in your life or something you've observed in others?
    - How might this topic connect to the study of psychology?
    - Include at least **one question** you have after watching the talk.

The **Format Requirements:**

- Typed, 12-point font, double-spaced.
- Title each response with the name of the TED Talk and the speaker.
- Submit your assignment as **one Google Doc or Word file**.