

Crash Course: Research Methods Section:

Directions: Watch the Crash Course Psychology episode on Research Methods (\#2

- Linked on the course website) and answer the series of thought questions below relating to psychological research.

Thought Questions:

1. What is research bias and how can it lead to over confidence?
2. Why is it not wise to always trust your intuition and how does that lead to the reasoning behind the use of certain methods in psychological research?
3. What does it mean to operationalize your question and how does it factor in to formulating a testable thesis?
4. Why is replicating results important? How do case studies complicate this factor, but why are they also important?
5. What is naturalistic observation and what is the rationalization behind it?
6. Why is it important that psychologists are careful in their wording of questions on things like surveys and interviews?
7. Define Sampling Bias and Random Bias.
8. What is the difference between correlation and causation?
9. What are Placebos and Double Blind procedures and why are their important in the collection of data?
10. In your own words describe the procedure you would have to go through in order to evaluate the methods a psychologists used in a particular study. (Include at least 5 factors you would need to consider)
