



We put the pieces together!

## Research Planning Guide

1. State your research question(s).
2. State your research hypothesis(es).
3. Define the population that you wish to study.
4. Describe or discuss the characteristics of the population.
5. Identify the selection process for participants in the study.
6. Will the study involve stratification of the population (e.g. by age or level of development)?
7. Indicate the number of participants that you anticipate studying.
8. Will you be using a standardized instrument of some sort? If so, describe it.

9. If you are using an existing, standardized instrument, discuss the established validity and reliability of it.
  
10. Do you plan on modifying the instrument? If so, discuss your plan for re-establishing validity (e.g., a pilot study).
  
11. How many outcome variables will you have?
  
12. Describe each outcome variable.
  
13. What type of data will the outcome variable measure? (Nominal, categorical, interval, ratio.)
  
14. How many predictor variables will you have?
  
15. Describe each predictor variable.
  
16. What type of data will the predictor variable measure?

17. How will you collect your data?
  
18. Discuss the descriptive information you plan to collect on participants.
  
19. Identify and discuss your research question(s).
  
20. Define the null hypothesis.
  
21. Identify the statistical test that you anticipate using for the analysis.
  
22. Discuss your plan for dealing with missing or incomplete data.
  
23. Discuss your plan for dealing with outliers.
  
24. Have you anticipated any potential threats to either internal or external validity of your findings? If so, describe the threat(s), its potential impact, and your strategy to minimize it.

25. How will the results be interpreted?

26. Draw a diagram to model your research question(s)