

RESEARCH DESIGN FORM

Section 1: Introduction	
1. Researcher Name:	Your Name/ The name of authors of research that you are reading
2. Research Project Title:	Short title
3. One sentence summary of research question:	Jargon free
4. Substantive motivation: [half page]	Why should anyone care about the results of this research
5. Theoretical motivation [half page]	What broader theoretical questions can this research shed light on
6. Key literatures/debates to which this will contribute: [half page]	Identify 3 or 4 readings that this work will speak to
7. Primary Hypothesis [half page]	This is a more specific form of the research question; provide no more than three hypotheses. If the topic does not lend itself to hypothesis construction, then indicate the <i>specific</i> research questions the research can answer
Section 2: Identification Strategy	
8. X	What are your treatments? (single or multiple treatment arms?)
9. Y	What is your primary outputs and outcome of interest (what data is needed)?
10. Units	What are the units for your X and Y? (Individuals? Communities? Schools?)
11. Random Assignment	What type of random assignment will you use? (simple ; blocked; cluster; factorial) Why have you chosen this method?
Section 3: Sample, Data, & Implementation Strategies	
12. Sample [half page]	How many units (of X, Y, and relevant clusters) will you select? What is your sampling frame? How will you select your sample?
13. Measurement strategy: [half page]	Describe measurement of Y,X, and auxiliary data. Be clear about units of analysis, methods (admin data, surveys, games, other), # of data collection rounds.

14. Heterogeneity [3-5 sentences]	Do you expect the treatment to work differently for certain individuals / groups / communities? Which ones? How do you take this into account in your design?
15. Implementation Strategy [half page]	How are you implementing your treatment? Implementing partners involved? Are there ethical concerns? Logistical challenges?
Section 4: Power	
16. Effect Size	What are your expected effect sizes? (in units of variance)
17. Intra-Cluster Correlation (ICC)	What are the clusters? What is the intra cluster correlation,?
18. Power Calculation	What is your power? (what is the variance of your Y, determine level of power and significance level, account for clustering? use a simulation?)
Section 5: Analysis & Threats	
19. Analysis strategy [half page]	How will you draw conclusions from your evidence. How will you know if your theory is wrong?
20. Interpretation strategy [3-5 sentences]	Summarize the substantive conclusions you will draw from your analysis. Describe the conclusions both for the case where you do find and where you do not find what you expect to find.
21. Threats to internal validity	Note especially any key assumptions in identification of measurement strategies (think about attrition, spillovers and its channels, Hawthorn effects, John Henry effects)
22. Threats to external validity	Note especially any key scope conditions (think about representativeness of sample, using mixed methods, cost effectiveness).
23. Writing strategy	Provide a table of contents.