HIED Action Research

Methodology Worksheet

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| Methodology section | Key questions to be answered in that section |
| Research questions | What are your research questions/hypotheses? |
| Method | How will you design your study (i.e. experimental, quasi-experimental, qualitative, quantitative, etc.) to “get at” your research question(s)/hypotheses? |
| How will you measure change in behavior (instrument will need to be included in your report later as Appendix A) in a way that “answers” your research question(s)/hypotheses?  |
| Why have you chosen this method as the way to “get at” your research question(s)/hypotheses?  |
| Population and sample | What is your population (all possible measurements or outcomes of interest in a particular study – i.e. all high school students or all students at SCHS, R. Donnelly, 2004)? |
| Who is included in your sample (a portion of the population that is representative of the population from which it was taken – i.e. 25 10th grade students from JHRHS, R. Donnelly, 2004)? |
| Treatment | What intervention/treatment will you introduce (any related documents will need to be included in your report later as Appendix B)?  |
| How will the treatment be implemented over time? Be detailed – map out how the intervention will be implemented. Paint a picture of what the intervention will look like. |
| How often will you introduce the intervention/treatment? |
| Data Collection | How will you establish baseline data?   |
| How will you measure change over time?  |
| How often will you measure change over time? |
| Why have you chosen to measure behavior at these intervals?  |
| How will you collect “end” data? |
| Data analysis | How will you analyze that “end” data? How will you know if it “worked” or didn’t “work?” |