

NEEDS ASSESSMENT and IMPACT EVALUATION REPORT

Rationale for Project

Candidates must be competent in accessing, evaluating, and synthesizing data and information from a variety of sources for the purposes of assessing the needs of students. They must also be able to determine the effectiveness of their instruction by evaluating student learning. Because the PEPR 312 assignment only required the accession and interpretation of epidemiological data, this assignment will require that candidates meet the following competencies (Entry-Level Standards for Michigan Health Education Teachers, 2000):

- ❑ Select or create appropriate data-gathering instruments;
- ❑ Apply appropriate techniques for administering instruments to gather data;
- ❑ Analyze and interpret needs assessment data to determine priority areas of need;
- ❑ Analyze and interpret evaluation data to determine impact of health education program.

Candidates should actually use the list of competencies above to organize the tasks that must be completed for this assignment. The final document should be written as a technical report developed primarily for other professionals such as teachers, nurses, doctors, public health officials, and school board members. The technical report should be prepared using the American Psychological Association (APA) Style Manual and developed with the components of a research article that include the following sections (use headings as shown here).

Mattawan Middle School Needs Assessment and Evaluation: Raising Awareness and Prevention Skills Related to School and Adolescent Violence (paper title)

Introduction (Write this section in past or present perfect tense.)

Cite two key sources of epidemiological data and two sources of behavioral data that support the need for developing a unit plan to eliminate this problem. For example, for a violence prevention unit I might use “35% of students in Michigan were in a physical fight one time during the past 12 months” (Michigan Department of Education, 2000).

Explicitly describe the purpose of the project, or answer *why* you are collecting data from your students about this topic. This also may be an opportunity to discuss the model of the continuous cycle of learning.

Method (Write this section in past tense.)

This section provides information to the reader about the school, course configuration, as well as the methods you used to obtain your data. This section should be separated into the following 4 sections and labeled as follows.

Sample. This section describes the participants in the study. For example, provide the number, age range and mean age, gender distribution, and race/ethnic distribution.

Instrument. Describe the instrument you used to collect data in detail (e.g., number of items, type of questions, reliability information). Ideally, you should be using the SCASS/HEAP items for this project. Assess the instrument's readability or reading comprehension level. Also, explain how each item is scored and how the total score for the instrument will be computed.

Procedures. Explain how you collected the data for both the pretest (needs assessment) and the posttest (evaluation).

Intervention. Describe how you will use the pretest data to plan the lessons. You should minimally provide the reader with a table of student outcomes (benchmarks and performance indicators) and ideally could provide them with the lesson.

Results (Write this section in past tense.)

This section should be presented either by question (item by item) or by pre/posttest results. Here is the latter of the two formats.

Pretest. Table the pretest results (e.g., test scores) from all measures. Describe the results of the data analysis by referring the reader to the table(s) or graph(s) that more easily illustrates the data. You must explain all of your graphics! Include information about total pretest scores.

Posttest. Describe the graphics that illustrate your posttest results. Include information about total posttest scores. In this section, you should devote one paragraph to explain the changes from pre- to posttest, including the means and statistics.

Conclusion (Write this section in present tense.)

Explain what the results mean in light of the purpose of the study. For example, answer how you will use the results of the impact evaluation to determine program efficacy and potentially modify the intervention.

References

Provide all of your references in APA style format. Make sure you cite these appropriately in your text.

Tables (1 – xx or in the order that they appear in the text).

Figures (1 – xx or in the order that they appear in the text).

Appendix A – XX (or if more than one, Appendices)

**DOUBLE SPACE THROUGHOUT THIS ENTIRE DOCUMENT
INCLUDING REFERENCES!**