

Determining Evidence of Scientifically Based Research

Program/Instructional Material

To maintain compliance with the No Child Left Behind Act of 2001, all activities and programs should be supported by Scientifically Based Research. Scientifically Based Research involves the application of rigorous, systematic, and objective procedures to obtain reliable and valid knowledge relevant to education activities and programs. **This form is to be completed by the company representative** and submitted to the Purchasing Department prior to the purchase of the program. The program manager/principal is to verify that **YES is checked at least once in each section** for the research of the activity/program to be considered scientifically based. Additionally, the program manager/principal is to **verify the research data show the program to be effective.**

A. SYSTEMATIC AND EMPIRICAL METHODS	YES	NO
Does the research have a solid theoretical foundation?		
Were methodology, subject, and researcher clearly identified?		
Was the study conducted in a consistent, disciplined, and methodical manner?		
Were the data obtained using observation or experiment?		
Was the research grounded in data that are factual rather than opinion-based?		
Are the research findings supported by tangible, measurable evidence?		
B. RIGOROUS DATA ANALYSIS	YES	NO
Did the research test the stated hypotheses and justify the general conclusions drawn?		
Did the methods correspond to the nature and structure of the data?		
Did the research minimize alternative explanations for observed effects?		
Did the research findings present convincing documentation that the observed results were caused by the intervention?		
C. RELIABLE AND VALID DATA COLLECTION	YES	NO
Did the data result from a study involving multiple investigations in a number of locations?		
Were research biases minimized?		
Were the data measured consistently?		
Did repeated measurements on subjects taken under similar circumstances produce similar results?		
D. STRONG RESEARCH DESIGN	YES	NO
Does the design describe a random assignment experiment in which subjects are assigned to different conditions with appropriate controls?		
Do the controls allow for the evaluation of the condition(s) of interest?		
Was the study designed to optimize the investigator's ability to answer the research question?		
E. DETAILED RESULTS THAT ALLOW FOR REPLICATION	YES	NO
Are the findings clearly described and reported?		
Are the results of the research sufficiently detailed so that replication of the design is possible?		
Can the findings be enhanced with additional research?		
F. RESULTS SUBJECTED TO SCRUTINY	YES	NO
Has the research been accepted by a peer-reviewed journal or approved by a panel of independent experts?		
Have unbiased experts who were not a part of the research study reviewed the research?		
Have reviewers applied strict standards of scholarship and provided quality controls for the research they reviewed?		
Has the research been subjected to external verification?		

The undersigned verifies that the research methodologies for the activity/program listed above are true and accurate.

Company Representative's Signature

Date

Purchasing Department: Keep copy on file for 7 years for audit purposes.