



PROJECT GUIDELINES



Projects Must Be:

- an experimental or observational investigation of a testable question dealing with a science concept, or
- a consumer related question in which a decision will be made based on the collection of data that requires a planned procedure for collection of data.
- constructed by the student.
(Teachers, parents, and or technically trained people may give information and advice, ask thought provoking questions, assist students where issues of safety are concerned.)

Projects May NOT Include:

- alcoholic beverages, tobacco products, or other prohibited drug(s) to be tested or used as a material in any project.
- live vertebrate organisms if there is the potential of harm to the organism.

Projects Should Include:

- DISPLAY BOARD: A self-supporting display board no larger than 30 inches deep, 48 inches wide and 72 inches tall. Information on the board should include:
 - **Problem** - clearly stated and with only one variable (purpose/testable question)
 - **Hypothesis**
 - **Materials** list
 - **Procedure** - clearly stated and including required safety considerations.
 - **Collected and Recorded Data** – organized in the form of tables, charts and/or graphs
 - **Analysis of Data** – explanation of what the data shows
 - **Conclusion** – must be based on the data and responds to the question.
- JOURNAL: A spiral or composition book that contains the above information in student's own handwriting. Journal should also contain additional documentation of safety considerations, brainstorming ideas, dates and time student worked on project, student notes, original record of data, and/or supporting research.