

K - 5th Grade

The Process for Doing a Research Project

(These are the steps to follow and show on your display board)

A research project must involve a SCIENTIFIC CONCEPT OR PROBLEM.

By completing a research project, the student will expand their knowledge about something they are curious about.

QUESTION OR CURIOSITY:

- I think about the world around me.
- I ask myself:
 - What do I want to learn more about or have a deeper understanding of (scientific concept)?
 - Can I design something to make the world I live in a better place (problem)?
- I decide what I am going to research about. Examples of topic areas include Scientists, Inventors, different areas of science, including biology, chemistry, astronomy, etc.

PLAN

- I think of questions I need to find answers to.

GATHER

- I look for information to answer my questions.
 - I can use books, databases, websites, museums, interview experts, etc.
- I list the types of sources I will use such as print materials, databases, websites, and people.

ORGANIZE

- I find the information I need in my sources.
- I take notes.
- I track my sources.

SHARE

- I present the information I gathered on a tri-fold display board.
 - Presentations could include tables, charts, diagrams, drawings, clip art, photographs, maps, flags, video clips, music, or sound.
- I cite my sources with a “works consulted” section on my board.
- I make my display board informative and interesting to look at.



Sample Displays of Scientific Topics

