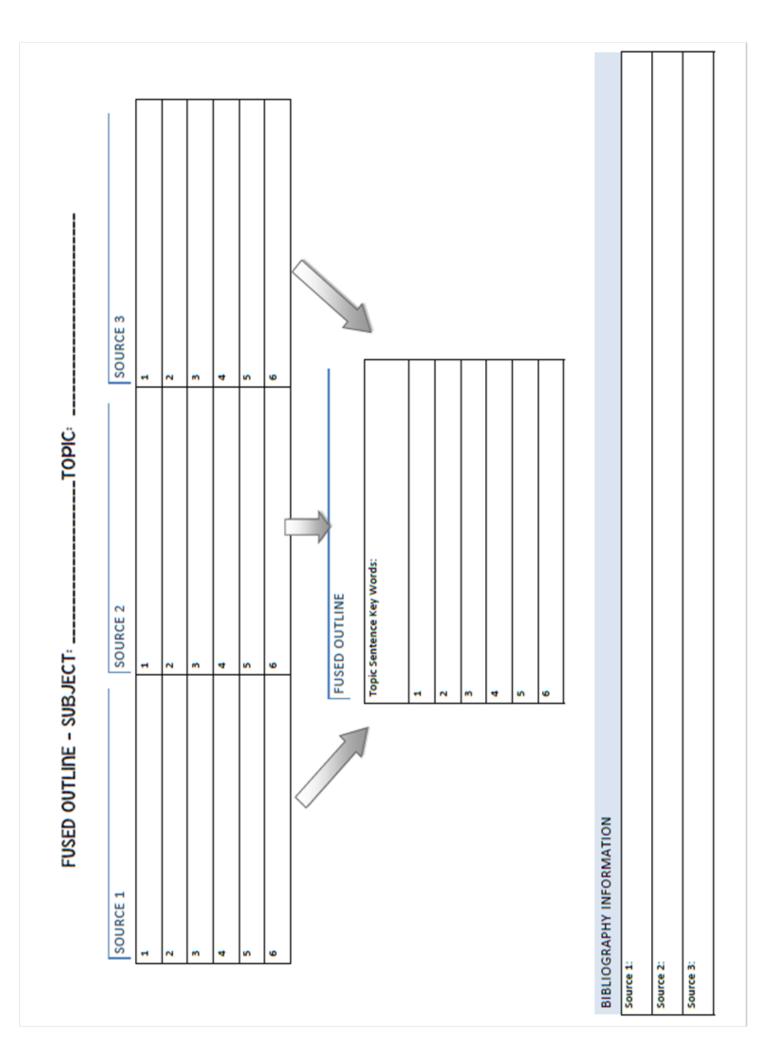
# SCIENCE HELPS

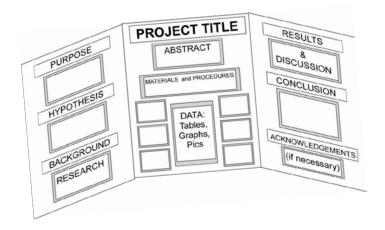
Use the fused outline worksheet to help you take notes and organize your research for any science or other research assignments throughout the year.

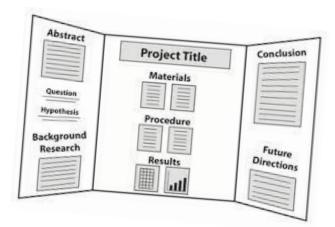


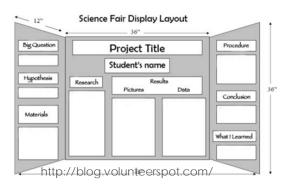
## Science Fair Project Proposal

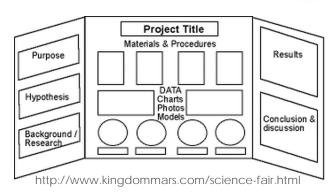
Testable Question:
My Hypothesis:
Materials I Will Use:
Independent Variable (what I am changing):
Dependent Variable (what will change):
Controlled Variables (what stays the same/unchanged):
Procedure:
Sources:

## Science Fair Project Boards











Look at board layouts and plan your board

## WRITING PAPERS

#### Steps for writing a research paper

### Step 1

- Find a topic
- Make sure there is enough, reliable information available
- •Begin reading through available resources
- •Revist your topic and adjust as needed

#### Step 2

- •Decide which information is important to your paper
- •Create a preliminary outline (it may change as you learn more)

#### Step 3

- •Take notes from your sources
- •Use note cards or other type of notetaking
- Include quotes and stats that are important

#### Step 4

- Revisit your Outline
- •Group your notes by topic and see if your groupings make sense.
- •Change outline as needed

#### Step 5

- Write your rough draft
- •Write the intro and be sure to include your thesis and the roadmap of your paper

#### Step 6

- •Edit your paper
- Edit for content first. Does your paper do what it said it would do?
- •Edit for organization. Does your order make sense?
- •Edit for grammar and punctuation

#### Step 7

- Format your Citations (MLA) or References (APA)
- Look online for proper formatting

## RESEARCH PAPER OUTLINE

- I. Introduction
  - A. Thesis
  - B. Main Points
- II. Topic A
  - A. Introduction
  - B. Topic Support Paragraphs
  - C. Conclusion
- III. Topic B
  - A. Introduction
  - **B.** Topic Support Paragraphs
  - C. Conclusion
- IV. Topic C
  - A. Introduction
  - **B.** Topic Support Paragraphs
  - C. Conclusion
- V. Conclusion
- VI. Works Cited (MLS) or References (APA)

## Formal Lab Report

Title:	Class:			
Author:	Date of Experiment:			
Team Members:	Date Report Submitted:			
Purpose:				
The purpose of this experiment is to				
Experimental Procedure				
The materials used in this experiment were				
Steps for experiment:				

Results	
Tables, Graphs, Illustrations:	
Discussion	
Conclusion	

References			