



STEP-6 ABSTRACT PAPER PLAN

Research abstracts are used throughout the research community to provide a concise description about a research project. It is typically a short summary of your completed research. If done well, it makes the reader want to learn more about your research. Some students present their research findings at local and national science fairs. Research abstracts are usually requested as part of the application process for science fair presenters. These are the basic components of an abstract in any discipline:

These are the basic components of an abstract in any discipline:

1) Motivation/problem statement:

Why do we care about the problem? What practical, scientific, theoretical or artistic gap is your research filling?

2) Methods/procedure/approach:

What did you actually do to get your results? (e.g. analyzed 3 novels, completed a series of 5 oil paintings, interviewed 17 students)

3) Results/findings/product:

As a result of completing the above procedure, what did you learn/invent/create?

4) Conclusion/implications:

What are the larger implications of your findings, especially for the problem/gap identified in step 1?



STEP 6 FINAL REPORT CHECKLISTS

Student Name: _____

<input type="checkbox"/>	Does your abstract include a short summary of the hypothesis, materials & procedures, results, and conclusion?
<input type="checkbox"/>	Have you used the proper capitalization and punctuation?
<input type="checkbox"/>	Have you checked your grammar and spelling?
<input type="checkbox"/>	Does your final report include the following key sections:
<input type="checkbox"/>	a. Title Page
<input type="checkbox"/>	b. Abstract
<input type="checkbox"/>	c. Table of Contents
<input type="checkbox"/>	d. Question, variables, and hypothesis
<input type="checkbox"/>	e. Background research (your research paper)
<input type="checkbox"/>	f. Materials list
<input type="checkbox"/>	g. Experimental procedure
<input type="checkbox"/>	h. Data analysis and discussion (including data tables and graphs)
<input type="checkbox"/>	i. Conclusions
<input type="checkbox"/>	j. Acknowledgements
<input type="checkbox"/>	k. Bibliography