



# Agriscience Divisions 3 - 6 (Grades 9 -12)



48"

## Abstract

Abstract is brief and concisely describes the purpose, methods, results and conclusions. It is no longer than one page and the arrangement makes the purpose, procedure, results and conclusions clear.

## Introduction

Introduction answers the question "Why was the work done?" It clearly states the problem that justifies conducting the research, the purpose of the research, its impact on agriculture, the findings of earlier work and the general approach and objectives.

## Literature Review

The literature review details what information currently exists concerning the research project. The information includes materials used in the research and material cited such as articles about similar studies, similar research methods, history of the research area and other items that support the current knowledge.

## Title

Put it in a question format. Make sure it is descriptive and interesting.

## Materials

Clearly written to enable others to replicate the study and results. Section is written in third person, encompasses all materials required.

## Methods

Clearly written to enable others to replicate the study and results. Section is written in third person, encompasses states the hypothesis/research questions and explains the study design. If used, the statistical procedures are included.

## Results

Written results of the project are summarized. Trends and relationships are clearly addressed. No conclusions are made in this section. Data that can stand alone in the form of tables and/or figures are included.

## Photographs

Display visually what you and what happened. Take pictures if at all possible. This section should be a non-verbal representation of your project. A picture is worth a kilo (1000) words.

Student Name(s)  
Chapter name, state  
Title of category  
Division (1, 2, 3, 4, 5 or 6)

## Discussion and Conclusions

Brief recap of the results is included and shows how they were the foundation of the study. Sound reasoning is shown that conclusions are based on results, incorporates previous literature and relates directly to the hypothesis. Discussion refers/references to facts and figures in results section and provides recommendations for practice, future research and the impact on the agriculture industry.

## References

References contain significant, published and relevant sources.

## Acknowledgements

Detailed list or paragraph is included acknowledging anyone who assisted with any aspect of the project and how they helped.

## Written Report

Title page  
Abstract  
Introduction  
Literature Review  
Materials and Methods  
Results  
Discussion and Conclusion  
References  
Acknowledgements  
Skill Development  
(in APA Style using official written report template)

## Log Book

The log book is a type of notebook (composition, spiral, etc.) that acts as a scientific journal. Record all observations in your log book. Record everything you do in your log book. This will be the source for your project board.

## Note:

Photos with captions may be placed on the board, but they should show all stages of the project and NO safety violations.

36"