An Examination of the Role of Technology

in Elementary Language Arts

by

(Student Name)

December 2013

Master’s Project

Submitted to the College of Education

At Grand Valley State University

In partial fulfillment of the

Degree of Master of Education

## Window Dimensions for Projects

Please follow the measurements below for the placement of your title on the title page in order for the title to be visible through the window of the binding cover.

### Hints and Tips

6 ¼” bottom margin

2 ¼” left margin

2 ¼” left margin

3” top margin

1. Set Left and Right Margins at 2.25”.

2. Set Top margin at 3.0” and set Bottom margin at 6.25”.

3. Center Title Page both Horizontally and Vertically.

4. To check if the Title Page fits within the Window, put it on top of this sheet and hold it up to the light. The Title Page should fit within the above square.

Sample Acknowledgments Page

[The Acknowledgments are optional and follow the title page. A sample format is indicated below.]

Acknowledgments

In writing this final project, I have benefited from the encouragement, advice, and constructive criticism of Professors William B. Mabie, Susan L. Jones, and James M. Montgomery. My thanks go to them, as to the many others at Grand Valley State University, who have given much needed help. Last, but not least, I thank my family for their encouragement, help and support. Without their assistance this would not have been possible.

(Student Name)

[Note: Name only--no titles.]

[Note:The Acknowledgment is numbered with a Roman numeral, centered at the bottom of the page.]

## Sample Abstract

Abstract

Research has revealed important information about learning and effective teaching, yet most teacher evaluation systems in public schools throughout the country, including Leslie Central High School, have not been revised to reflect this new information. This project explores the recent history of teacher evaluation systems as well as contemporary thought regarding how to improve these systems. An effective teacher evaluation program must acknowledge the differing needs of teachers at various points in their careers and must expand beyond a traditional model that is based exclusively on administrator observation. The Teacher Evaluation System for Leslie Central High School addresses the varying needs of new teachers, experienced teachers, and struggling teachers. Additionally, it combines summative elements of evaluation that will assist administrators in making employment decisions, with formative elements of evaluation that will serve to support and encourage professional growth.

[Note:The Abstract is numbered with a Roman numeral, centered at the bottom of the page.]

## Sample Table of Contents

Table of Contents

Acknowledgments (optional) i

Abstract ii

Table of Contents iii

List of Tables (optional) vi

List of Figures (optional) vii

Chapter One: Introduction

Problem Statement 1

Importance and Rationale of Project 2

Background of the Project 4

Statement of Purpose 7

Objectives of the Project 8

Definition of Terms 9

Scope of Project 9

Chapter Two: Literature Review

Introduction 10

Theory/Rationale 10

Research/Evaluation 11

What the Science Laboratory/Classroom Should Be 12

Higher Order Thinking Skills 16

Research Supporting a Hypothesis Based Laboratory Design 18

Textbooks and Higher Order Thinking Skills 19

Cooperative Learning 20

Barriers to Investigative Laboratory Instruction 22

Summary 23

Conclusion 25

Chapter Three: Project Description

Introduction 26

Project Components 26

Project Evaluation 29

Project Conclusions 30

Plans for Implementation 31

References 32

Appendixes

Appendix A-Science Laboratory Curriculum Unit 33

Appendix B-Copyright Permission Forms 88

Data Form 91

[Note:The Table of Contents is numbered with a Roman numeral, centered at the bottom of the page.]

Title

Content begins here.

[Note: Numeric pagination begins on page two of Chapter One with the number “2” in the upper right-hand corner of the page.]