

## DE LA SALLE UNIVERSITY DASMARIÑAS COLLEGE OF LIBERAL ARTS AND COMMUNICATION PSYCHOLOGY DEPARTMENT



Effects of Lavender and Rosemary Oils to Memory Recall

An undergraduate thesis presented to the faculty of Psychology Department, College of

Liberal Arts & Communications, De La Salle University Dasmariñas, Cavite

In partial fulfillment of the requirements for the Bachelor of Arts, Major in Psychology

Pelayo, Abigail A.

May 2014

## TABLE OF CONTENTS

Page No.

Title	
Approval Sheet	
Acknowledgement	
Abstract	
Chapter I: THE PROBLEM AND ITS BACKGROUND	
Introduction	1
Statement of the Problem	3
Theoretical Framework	4
Scope and Limitation	6
Significance of the Study	7
Definition of Terms	8
Chapter II: Review of Related Literatures	
Aromatherapy: Relax, Smell, Invigorate	11
Essential Oils: Nature's Gift	14
Lavender: Haven to Serenity	18
Together with Rosemary	21
Memory: The Book of Remembering	23
Only Memories of Smell	29

Adolescence: A Test of Character	31
I Test You	34
Performance: Let's Show It	35
Chapter III: METHODOLOGY	
Research Design	37
Research Participants	39
Research Instrument	40
Research Instrument Research Procedures	41
Analysis of Data	43
Chapter IV: PRESENTATION, INTERPRETATION AND ANALYSIS	OF DATA
Presentation, Interpretation and Analysis of Data	45-60
Chapter V: SUMMARY, CONCLUSION AND RECOMMENDATION	
Summary	61
Conclusion	63
Recommendation	63
Bibliography	66
Appendices	73
Appendix A	73
Appendix B	74

## ABSTRACT

The purpose of this experiment was to determine the stated effects of lavender and rosemary oils to the participants' capacity to recall information. The hypothesis states that a person who is exposed to a scent will be able to recall more information than a person who did not. Participants were asked to take the test in post-test settings and with which no intended scents while other participants were under the effects of one of the following: lavender and rosemary. This test led the administrator to believe that out of the three conditions, lavender showed the most increase in memory recall and placebo decrease the most in memory recall. The research study resulted with the following data: there is no significant difference in memory recall among placebo, lavender and rosemary groups, F (2, 87) = .011, p > .05.