# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheet of Approval</td>
<td>i</td>
</tr>
<tr>
<td>Biography</td>
<td>ii</td>
</tr>
<tr>
<td>Abstract</td>
<td>iii</td>
</tr>
<tr>
<td>Acknowledgement</td>
<td>iv</td>
</tr>
<tr>
<td>Table of Contents</td>
<td>vi</td>
</tr>
<tr>
<td>List of Figure</td>
<td>viii</td>
</tr>
<tr>
<td>List of Table</td>
<td>x</td>
</tr>
<tr>
<td>List of Appendices</td>
<td>xi</td>
</tr>
</tbody>
</table>

## CHAPTER I INTRODUCTION

1.1. Background                                 1
1.2. Problem Identification                     3
1.3. Study Scope                                4
1.4. Problem Questions                          4
1.5. Research Objectives                        5
1.6. Significances of Research                  5

## CHAPTER II LITERATURE REVIEW

2.1. Theoretical Framework                      7
2.1.1. The Essential of Learning               7
2.1.2. Process and Learning Phase              7
2.1.2.1. Learning Activity                     8
2.1.3. Learning Factors                        9
2.1.4. Learning Outcomes                       9
2.1.5. Learning Outcomes Evaluation            12
2.1.6. Cooperative Learning                    13
2.1.6.1. Understanding Cooperative Learning    13
2.1.6.2. Cooperative Learning Objectives       16
2.1.6.3. NHT (Numbered Head Together) type of Cooperative Learning model 17
2.1.7. Direct Instruction Model                19
2.1.8. Human Sensory System                    21
2.1.8.1. Sense of Sight (Eye)                  21
2.1.8.1.1. Eye Muscles                        23
2.1.8.1.2. Eye Functions                      23
2.1.8.1.3. Disorders of Eye                   25
2.1.8.2. Auditory (Ear)                        26
2.1.8.2.1. Structure of Ear                   26
2.1.8.2.2. The Outer Ear                      26
2.1.8.2.3. The Middle Ear                     26
2.1.8.2.4. The Inner Ear                      27
2.1.8.2.5. How We Hear                        28
2.1.8.2.6. Composition and Balance Tool. How it works 28
2.1.8.2.7. Abnormalities of The Ear 28
2.1.8.3. Sense of Touch (Skin) 29
2.1.8.3.1. Composition of Skin 29
2.1.8.3.2. Function of Skin 30
2.1.8.4. Sense of Taste (Tongue) 30
2.1.8.5. Sense of Smell (Nose) 31
2.1.8.5.1. The parts of nose 32
2.2. Conceptual Framework 32
2.3. Hypotesis 33

CHAPTER III METHODOLOGY OF RESEARCH

3.1. Location and Time 35
3.2. Population and Samples 35
3.3. Research Variables 35
3.4. Research Instruments 35
3.5. Research Type and Design 39
3.4. Research Procedures 40
3.5. Test for Analytical Requirements 43

CHAPTER IV RESULTS AND DISCUSSION

4.1. Description of Data Research 46
4.1.1. Learning Outcome Pretes Data 46
4.1.2. Learning Outcome Postest Data 49
4.1.3. Observation of Student Activities 53
4.1.4. Test of Data Analysis Requirements 57
4.1.4.1. Normality Test 57
4.1.4.2. Homogeneity test 57
4.1.4.3. Testing Hypothesis 58
4.2. Discussion of Research 59

CHAPTER V CONCLUSIONS AND SUGGESTIONS

5.1. Conclusions 66
5.2. Suggestions 67

REFERENCES 68

APPENDICES 70