

## TABLE OF CONTENTS

	<i>Pages</i>
<b>Table Of Contents.....</b>	<b>viii</b>
<b>List Of Pictures .....</b>	<b>x</b>
<b>List Of Tables .....</b>	<b>xi</b>
<b>Appendix List .....</b>	<b>xiii</b>
<b>Chapter I Preliminary .....</b>	<b>1</b>
<b>1.1 Background of the Study .....</b>	<b>1</b>
<b>1.2 Problem Identification .....</b>	<b>5</b>
<b>1.3 Scope of Study .....</b>	<b>5</b>
<b>1.4 Scope of Problems .....</b>	<b>6</b>
<b>1.5 Research Questions .....</b>	<b>6</b>
<b>1.6 Study Objective .....</b>	<b>7</b>
<b>1.7 Research Purposes .....</b>	<b>7</b>
<b>Chapter II Literature Review .....</b>	<b>8</b>
<b>2.1 Understanding Curriculum.....</b>	<b>8</b>
<b>2.2 Chemistry Learning .....</b>	<b>9</b>
<b>2.3 Problem Solving Skill.....</b>	<b>11</b>
<b>2.3.1 Understanding Problem Solving.....</b>	<b>11</b>
<b>2.3.2 Problem Solving Ability Indicators.....</b>	<b>14</b>
<b>2.4 Contextual Learning .....</b>	<b>16</b>
<b>2.4.1 Understanding Contextual Learning.....</b>	<b>16</b>
<b>2.4.2 Contextual Learning Components.....</b>	<b>19</b>
<b>2.4.3 Contextual Learning Method Learning Steps.....</b>	<b>21</b>
<b>2.4.4 Basic Theory of the Contextual Learning Approach.....</b>	<b>22</b>
<b>2.5 Colloid Systems.....</b>	<b>24</b>
<b>2.5.1. Definition of Colloidal System.....</b>	<b>25</b>
<b>2.5.2. Differences between Solution, Colloid, and Suspension .....</b>	<b>25</b>
<b>2.5.3 Types of Colloid.....</b>	<b>25</b>
<b>2.5.4 Properties of Colloid.....</b>	<b>26</b>
<b>2.5.5 Making of Colloidal System.....</b>	<b>27</b>
<b>2.6 Framework of Thinking .....</b>	<b>28</b>
<b>Chapter III Research Methods.....</b>	<b>29</b>

<b>3.1</b>	<b>Place and Time of Research .....</b>	<b>29</b>
<b>3.2</b>	<b>Type of Research .....</b>	<b>29</b>
<b>3.3</b>	<b>Population and Sample .....</b>	<b>31</b>
<b>3.4</b>	<b>Research Variable .....</b>	<b>31</b>
<b>3.5</b>	<b>Research Design .....</b>	<b>32</b>
<b>3.6</b>	<b>Data Collection Technique .....</b>	<b>32</b>
<b>3.6.1</b>	<i>Observation.....</i>	33
<b>3.6.2</b>	<i>Problem Solving Ability Test.....</i>	33
<b>3.6.3</b>	<i>Interview .....</i>	34
<b>3.6.4</b>	<i>Dokumentation.....</i>	35
<b>3.7</b>	<b>Research Instruments .....</b>	<b>35</b>
<b>3.7.1</b>	<i>Test.....</i>	35
<b>3.7.2</b>	<i>Interview Guidelines .....</i>	37
<b>3.8</b>	<b>Research Procedures.....</b>	<b>37</b>
<b>3.9</b>	<b>Data Analysis .....</b>	<b>39</b>
<b>3.9.1</b>	<i>Analysis of Students' Problem Solving Abilities .....</i>	41
<b>3.9.2</b>	<i>Analysis of Students' Difficulty Completing Problem Solving Ability Test</i>	42
<b>3.10</b>	<b>Operational Definitions .....</b>	<b>43</b>
<b>Chapter IV Result And Discussion.....</b>		<b>46</b>
<b>4.1</b>	<b>Research Result .....</b>	<b>46</b>
<b>4.1.1</b>	<i>Description of Students' Problem Solving Abilities .....</i>	47
<b>4.1.2.</b>	<i>Description of Students' Difficulties in Problem Solving Ability Tests.....</i>	77
<b>4.2</b>	<b>Research Discussion .....</b>	<b>110</b>
<b>Chapter V Conclusion And Suggestion .....</b>		<b>114</b>
<b>5.1</b>	<b>Conclusion.....</b>	<b>116</b>
<b>5.2</b>	<b>Suggestion .....</b>	<b>117</b>
<b>References.....</b>		<b>118</b>
<b>Attachment .....</b>		<b>121</b>