THE IMPLEMENTATION OF SCIENTIFIC APPROACH IN TEACHING ENGLISH
AT THE 8TH GRADE OF SMP NEGERI 1 COLOMADU
IN 2014/2015 ACADEMIC YEAR

RESEARCH PAPER

Submitted as a Partial Fulfillment of the Requirements
for Getting Bachelor Degree of Education
in English Department

by
TATAG PAMILIH GUNTORO
A320110018

SCHOOL OF TEACHER TRAINING AND EDUCATION
MUHAMMADIYAH UNIVERSITY OF SURAKARTA
2014/2015
APPROVAL

THE IMPLEMENTATION OF SCIENTIFIC APPROACH IN TEACHING
ENGLISH AT THE 8TH GRADE OF SMP NEGERI 1 COLOMADU
IN 2014/2015 ACADEMIC YEAR

RESEARCH PAPER

by

TATAG PAMILIH GUNTORO
A320110018

Approved to be Examined by Consultant

First Consultant
Arvati Prasetyanini, S.Pd., M.Pd.
NIK. 725

Second Consultant
Siti Fatimah, S.Pd., M.Hum.
NIK. 850
ACCEPTANCE

THE IMPLEMENTATION OF SCIENTIFIC APPROACH IN TEACHING ENGLISH AT THE 8TH GRADE OF SMP NEGERI 1 COLOMADU IN 2014/2015 ACADEMIC YEAR

RESEARCH PAPER

by

TATAG PAMILIH GUNTORO
A 320110 018

Accepted and Approved by Board of Examiners
School of Teacher Training and Education
Muhammadiyah University of Surakarta
on August 5th, 2015

Team of Examiner:

1. Aryati Prasetyarini, S. Pd, M. Pd. (Chair Person)
2. Siti Fatimah, S.Pd, M. Hum. (Member I)
3. Drs. Djoko Srijono, M.Hum (Member II)

Dean,

Prof. Dr. Harun Joko Pravitno, M. Hum.
NIP. 19650428199303001
TESTIMONY

Herewith, I testify that in this research paper, there is no plagiarism of the previous literary work which has been raised to obtain bachelor degree of a university, nor there are opinions or masterpieces which have been written or published by others, except those in which the writing are referred in the manuscript and mentioned in literary review and bibliography. Therefore, if it is proved that there are some untrue statements in this testimony, I will be fully responsible.

Surakarta, Agustus 2015

TATAG PAMILIH GUNTORO
A320110018
MOTTO

Dan kepunyaan Allah lah timur dan barat. (Q.S Al Baqarah: 115)

Seribu jalan ke Roma, Seribu cara untuk terbang (The writer)
DEDICATION

Thanks to Alloh SWT

This research paper is dedicated to:

1. My beloved parents Bapak & Ibu,

2. My beloved sister and my brother-in-law,

3. My beloved little sister and nephew, and

4. All friends.
ACKNOWLEDGMENT

Bismillahirrohmanirrahim.

Alhamdulillahi robbil’alamin, praise and thanks to Alloh SWT who give, blessing and guidance to the writer in completing this research paper entitled “THE IMPLEMENTATION OF SCIENTIFIC APPROACH IN TEACHING ENGLISH AT THE 8TH GRADE OF SMP NEGERI 1 COLOMADU IN 2014/2015 ACADEMIC YEAR”. On this opportunity the writer would like to express his gratitude to people who have directly and indirectly helped her to finish this research paper.

In conducting this research paper, the writer gets some help from many people. On this occasion, the writer would like to express his deep gratitude and appreciation. The writer wishes to thank to:

1. **Prof. Dr. Joko Harun Prayitno, M. Hum.** Dean of School of Teacher Training and Education of Muhammadiyah University of Surakarta,

2. **Mauly Halwat Hikmat, Ph. D.** Head of English Education Department,

3. **Aryati Prasetyarini, M. Pd.** as the first consultant and academic advises for advice, guidance, knowledge, correction and suggestion in the process of doing this research paper,

4. **Siti Fatimah, M. Hum.** as the second consultant who guides him with patience, advice, suggestion, knowledge, and correction until the end of this research paper,
5. Teachers and students of SMP Negeri 1 Colomadu who help him in collecting the data and permission to do this research,

6. His dearest parents; his beloved father and mother who have given him pray and motivation, for their passion and hard work. I am eternally grateful,

7. His beloved sister and brother-in-law, little sister, and nephew who always support during his studying,

8. All of friends in English Department 2011; Eclipse, class A for their friendship,

9. His fabulous friends; “MDH FC” Rhudy, Tovick, Santok, J_Punk, Popo, His best friends; Andhy, Erfan, Husein, David for their endless good humor,

10. To the many others whom the writer failed to mention in this abbreviated list, my sincere thanks.

This research paper is far from being perfect because of limited capability. Supportive suggestion and criticisms are hoped and needed to make this research paper better. The writer hopes that this research paper can be useful for the readers.

Wassalamu’alaikum Warohmatullahi Waborakatu

Surakarta, July 2015

TATAG PAMILIH GUNTORO
SUMMARY


Scientific is a modern term in learning world to motivate and develop the learners. Using scientific approach, it is expected that the students can think scientifically, logically, critically and objectively in accordance with the facts. This research aims at finding out the implementation of scientific approach in teaching English at SMP Negeri 1 Colomadu, specifically it is to describe the learning objective, instructional material, method implemented by the English teacher, the procedure of the method applied, and the evaluation and problems faced by the teacher in implementing scientific approach in teaching English at SMP Negeri 1 Colomadu, in 2014/2015 academic year. The data of this research are collected in the form of field notes, lesson plan, syllabus, assessment form, and interview notes. The writer takes the English teacher and eighth grade students of SMP Negeri 1 Colomadu as the subject of this research. The writer uses descriptive qualitative research especially spiral research in analyzing the data. The result of the study shows that the teacher used inquiry-based learning as the method in the implementation of scientific approach. The English teacher of the eighth grade students at SMP Negeri 1 Colomadu uses authentic assessment in the evaluation.

Keywords: implementation, scientific approach, teaching English
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVER</td>
<td>i</td>
</tr>
<tr>
<td>APPROVAL</td>
<td>ii</td>
</tr>
<tr>
<td>ACCEPTANCE</td>
<td>iii</td>
</tr>
<tr>
<td>TESTIMONY</td>
<td>iv</td>
</tr>
<tr>
<td>MOTTO</td>
<td>v</td>
</tr>
<tr>
<td>DEDICATION</td>
<td>vi</td>
</tr>
<tr>
<td>ACKNOWLEDGMENT</td>
<td>vii</td>
</tr>
<tr>
<td>SUMMARY</td>
<td>ix</td>
</tr>
<tr>
<td>TABLE OF CONTENT</td>
<td>x</td>
</tr>
<tr>
<td><strong>CHAPTER I : INTRODUCTION</strong></td>
<td>1</td>
</tr>
<tr>
<td>1. A. Background of the Study</td>
<td>1</td>
</tr>
<tr>
<td>2. B. Limitation of the Study</td>
<td>5</td>
</tr>
<tr>
<td>3. C. Problem Statement</td>
<td>5</td>
</tr>
<tr>
<td>4. D. Objective of the Study</td>
<td>6</td>
</tr>
<tr>
<td>5. E. Significance of the Study</td>
<td>7</td>
</tr>
<tr>
<td>6. F. Research Paper Organization</td>
<td>8</td>
</tr>
<tr>
<td><strong>CHAPTER II : REVIEW OF RELATED LITERATURE</strong></td>
<td>9</td>
</tr>
<tr>
<td>1. A. Previous Study</td>
<td>9</td>
</tr>
<tr>
<td>2. B. Theoretical Review</td>
<td>12</td>
</tr>
<tr>
<td>3. 1. Notion of Curriculum</td>
<td>12</td>
</tr>
<tr>
<td>4. 2. Scientific Approach</td>
<td>13</td>
</tr>
</tbody>
</table>
3. Scientific Approach as Teaching Method ............. 17
   a. Method in Scientific Approach ...................... 18
      1) Task-based Learning .................................. 18
      2) Active Learning ........................................... 19
      3) Inquiry-based Learning ................................. 20
      4) Discovery Learning ...................................... 21
      5) Problem-based Learning ................................. 21
      6) Project-based Learning ................................. 22
   b. The Evaluation in Scientific Approach ............... 22

4. Scientific Approach to Learning ....................... 25

5. Teaching English as Foreign Language ............... 26

6. Component of Teaching English ....................... 27
   a. Learning Objective ....................................... 27
   b. Instructional Material .................................... 28
   c. Classroom Procedure .................................... 28
   d. Classroom Technique .................................... 30
   e. Evaluation .................................................. 34

CHAPTER III : RESEARCH METHOD ................................ 35

A. Type of the Research ....................................... 35
B. Subject of the Study ............................................. 36
C. Object the Study .................................................. 36
D. Data and Data Source ........................................... 36
E. Method of Collecting Data ................................. 37
F. Technique for Analyzing Data .............................. 38

CHAPTER IV : RESEARCH FINDING AND DISCUSSION .......... 40

A. Research Finding ................................................. 40

1. The Implementation of Scientific Approach in SMP
   Negeri 1 Colomadu .............................................. 41
      a. Learning Objective ......................................... 41
         1). General Objective ..................................... 42
         2). Specific Objective ..................................... 43
      b. Instructional Material .................................... 44
      c. Method Implemented by the English Teacher ...... 47
      d. Procedure Inquiry based Learning ..................... 48
         1). Teaching Technique Applied by the Teacher 49
            a). Observing .............................................. 55
            b). Questioning ......................................... 55
            c). Experimenting ....................................... 58
            d). Associating .......................................... 58
            e). Communicating ...................................... 60
      e. The Evaluation ............................................... 60
2. Problems which are Faced by the Teacher in the Implementation of Scientific Approach in Teaching at SMP Negeri 1 Colomadu .............................................. 61

B. Discussion ........................................................................ 64

CHAPTER V : CONCLUSION AND SUGGESTION ...................... 70

A. Conclusion ........................................................................ 70

B. Implication ......................................................................... 72

C. Suggestion .......................................................................... 73

BIBLIOGRAPHY .................................................................... 75

APPENDIX ............................................................................. 76