

The Effectiveness of Using Puzzles in Improving Students' Motivation in Learning English

(An Experimental Study in the Eleventh Grade Students of SMK N 4 Bandung)

A Research Paper

Submitted to the English Education Department of FPBS of Indonesia University of
Education in Partial Fulfillment of the Requirements for Sarjana Degree



By

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PAGE OF APPROVAL

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Supervisor I



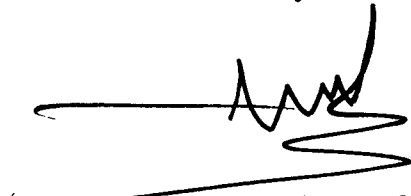
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STATEMENT

I hereby certify that this paper entitled “The Effectiveness of Using Puzzles in Improving Students’ Motivation in Learning English (An Experimental Study in the Eleventh Grade Students of SMK N 4 Bandung)” contains no material which has been accepted for the award of any other degree or diploma at any University and the best of my knowledge and belief contains no material previously published or written by other person except where due reference is made in the text of the paper and the bibliography.

Bandung, November 2008

Maya Rosmayanti
Std. ID. 032788

*"Out of the night that covers me,
Black as the pit from pole to pole,
I thank whatever gods may be,
For my unconquerable soul.
In the fell clutch of circumstance,
I have not winced nor cried aloud:
Under the bludgeonings of chance my head is bloody
but unbowed
It matters not how strait the gait, how charged with
punishments the scroll,
I am the master of my fate: I am the captain of my
soul."*

(W.E. Henley, 1849-1903, from 'Invictus')

Dedicated to:

Mamah and Papah

I could never repay for all you've done to me.

Your love and supports are priceless.

PREFACE

Alhamdu lillahi rabbil' alamin, all praises to be Allah SWT, The Almighty who has been bestowing the researcher His endless blessing and mercy which without it, this paper cannot be completed on due course. Greeting and solution to His apostle, Muhammad SAW. (peace be upon him).

This paper is submitted to fulfill one of the requirements for Sarjana degree. This paper entitled "The Effectiveness of Using Puzzles in Improving Students' Motivation in Learning English (An Experimental Study in the Eleventh Grade Students of SMKN 4 Bandung)."

This paper is proposed to investigate whether puzzle is effective in improving students' motivation in learning English and to identify the advantages and disadvantages of using puzzles in English classroom. This study hopefully can be a reference for students, lecturers, the institution and everyone who is interested in pedagogical and psychological research.

Finally, the researcher realizes that there are some weaknesses in this paper. Therefore, suggestions and constructive criticisms are welcomed, appreciated and expected.

Bandung, November 2008

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Maya Rosmayanti
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ABSTRACT

This study entitles "The Effectiveness of Using Puzzles in Improving Students' Motivation in Learning English (An Experimental Study in the Eleventh Grade Students of SMK N 4 Bandung)". This study investigates whether puzzle is effective in improving students' motivation in learning English and identifies the advantages and disadvantages of using puzzles in English classroom.

The study was carried out at the eleventh grade students of SMK N 4 Bandung. Having used the random sampling, these students were assigned to an experimental group and a control group. The experimental group was given several treatments in the period of four meetings, while the control group was not given any treatment. Pretest-posttest design which is the subset of quasi experimental design was used to conduct the research.

Data collection was conducted by doing questionnaire before the treatment, questionnaire after the treatment, puzzle questionnaire and interviews. The t-test procedures were used in analyzing the data from questionnaire before the treatment and questionnaie after the treatment. Furthermore, the data from puzzle questionnaire and interview, which was only administered to the experimental group, were analyzed to examine the advantages and the disadvantages of using puzzles.

The result of data analysis showed that there were significant difference between the questionnaire before the treatment and questionnaie after the treatment result of two groups, or in other words both groups have a different level of motivation in learning English. In addition, the data result from puzzle questionnaire and interviews showed that puzzles have advantages and disadvantages both for students in their motivation in learning English and for teacher in her teaching. In conclusion, using puzzle in English classroom is effective in improving students' motivation in learning English.

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REFERENCES

- Andi. 2007. *Pengelolaan Data Statistik dengan SPSS 15.0*. Wahana Komputer. Semarang.
- A.M, Sardiman. 2003. *Interaksi dan Motivasi Belajar Mengajar*. Raja Grafindo Persada. Jakarta.
- Arikunto, Suharsimi. 2006. *Prosedur Penelitian, Suatu Pendekatan Praktik*. Rineka Cipta. Jakarta.
- Brown, H. Douglas. 2001. *Teaching by Principles: An Interactive Approach to Language Pedagogy-2nd ed*. A Pearson Education Company. San Francisco.
- Chen, I Jung. 2006. *Using Games to Promote Communicative Skills in Language Learning*. [online]. Available at: [ijchentw\[at\]ms74.hinet.net-TakmingCollege_Taipei_Taiwan](mailto:ijchentw[at]ms74.hinet.net-TakmingCollege_Taipei_Taiwan).
- Cobb, David. 1984. *Puzzles for English Practice Pep 2*. Longman. Singapore.
- ETS Crew. 2005. English Tutorial Service Student's Book. (Module) English Students Association UPI. Bandung.
- Gardner, R.C. and Lambert, W.E. 1985. *The Attitude Motivation Test Battery: Technical Report*. [online]. Available at: [zacharyjones.weblogs.us/images/The%20Attitude%20Motivation%20Test%20Battery%20%20Technical%20Report\(1985\).d](http://zacharyjones.weblogs.us/images/The%20Attitude%20Motivation%20Test%20Battery%20%20Technical%20Report(1985).doc) oc. [May 12, 2008]
- Granger, Colin. 1981. *Play Games with English Book 2*. Oxford. Great Britain.
- Hatch, Evelyn and Hossein Farhady. 1982. *Research Design and Statistic for Applied Linguistics*. Newbury House Publishers, Inc. Los Angeles.

- Heaton, J.B. 1986. *Writing through Pictures*. Longman. Hongkong.
- Howard, Sheila. 1988. *Word Games with English*. British Council.
- Huitt, W. 2001. *Motivation to Learn: An Overview*. [online]. Available at: <http://chiron.valdosta.edu/whuitt/col/motivation/motivate.html>. [May 12, 2008]
- Jones, Christopher. 1975. *Structural Crossword Puzzles Stage 4*. Longman. Hongkong.
- Kranzler, Gerald and Janet Moursund. 1999. *Statistics for the Terrified, Second Edition*. Prentice Hall. New Jersey.
- Krashen, S. 1985. *Input Hypothesis: issues and Applications*. Longman. Singapore.
- Larcom, David L. 2007. *English is Fun, First Edition*. Kesaint Blanc. Jakarta.
- Larcom, David L. 2007. *English is Fun, Second Edition*. Kesaint Blanc. Jakarta.
- Larcom, David L. 2007. *English is Fun, Third Edition*. Kesaint Blanc. Jakarta.
- Lumsden, Linda S. 1993. *Student Motivation to Learn*. [online]. Available at: <http://learn2study.org/teachers/motivation.htm> [November 2, 2007]
- Makmun, Abin Syamsudin. 1990. *Pedoman Studi Psikologi Pendidikan*. IKIP Bandung. Bandung.
- McCarthy, Michael and Fellicity O'Dell. 2001. *English Vocabulary in Use Upper-Intermediate and Advance*. Erlangga. Jakarta.
- Mifflin, Houghton. 1997. *Motivation and Teaching*. [online]. Available at: <http://www.mabe.econ.chula.ac.th/Mifflin/MotivationandTeaching.ppt>. [November 2, 2007]

- Murphy, Raymond. 1987. *English Grammar in Use for Intermediate Student*. Cambridge University Press.
- Rui, Tao. 2004. "How Can I Improve My Students' Motivation so They Can Improve Their Learning?". Nigxia P.R. China.
- Sagawa, M.M. 1999. *Motivation and Second Language Acquisition*. [online]. Available at: http://homepage3.nifty.com/mmsagawa/ hooked/tesol_motivation.html. [July 12, 2007]
- Siregar, Lamria Uli. 2006. *The Correlation between Intensity of Peer Group Interaction and English Learning Motivation*. (Thesis) UPI. Bandung: Not published.
- Sugiyono. 2002. *Metode Penelitian Bisnis*. CV. Alfabeta. Jakarta.
- Sugiyono. 2003. *Statistika untuk Penelitian*. CV. Alfabeta. Bandung.
- Surayin, 1999. *Perfect English Grammar*. Yrama Widya: Bandung.
- Tim MGDMD Bahasa Inggris. 2007. *Modul bahasa Inggris SMK tingkat elementary*. HUP. Bandung.
- Widyaningsih, Susi. 2006. *Students' Motivation in Learning English*. (Thesis) UPI. Bandung. Not published.