ACH - 8158

PERPUSTAKAAN UNIVERSITI MALAYA

RELATIONSHIP BETWEEN MORAL MATURITY AND ACADEMIC ACHIEVEMENT OF FORM FOUR STUDENTS IN A SECONDARY SCHOOL

Lim Tong Eng

Research Report Sumitted to the Faculty of Education, University of Malaya in Partial Fulfilment of the Requirements for the Degree of Master of Education

Perpustakaan Universiti Malaya

A510143070

1999

The purpose of this research was to investigate the moral maturity of form four students of Moral Education (16 years old) in a secondary school in Kuala Lumpur. Three groups of students comprising 60 boys from three different academic levels of achievements (high, average and low) were selected based on their form three public examination (*Penilaian Menengah Rendah*) results. Twenty students from each group completed the Sociomoral Reflection Measure – Short Form (SRM-SF) questionnaires to assess their moral maturity in moral reasoning.

The results showed that 5% (n = 3) of the 60 respondents were scored at the mature level of moral reasoning and 95% (n = 57) of them were at the immature level of moral reasoning. The highest stage reached by the respondent was scored at stage 3. Among the high achievement group, only 15% (n = 3) attained stage 3 (mature level) while 85% (n = 17) of the students were at stages 1 and 2 (immature level). Among the average achievement group, 55% (n = 11) of the respondents reached stage 1 while 45% (n = 9) of them attained stage 2. Among the low achievement group, 95% (n = 19) of the respondents were at stage 1 while only 5% (n = 1) of them attained stage 2. None of the average and low achievement groups reasoned at mature level of moral reasoning.

The overall results thus suggest some relationship between moral maturity and level of academic achievements among the form four students. The SRM-SF questionnaire and scoring manual is found to be suitable but relevant responses that are not included in the manual be taken into considerations, particularly those that are related to non-western culture.

i

HUBUNGAN ANTARA KEMATANGAN MORAL DAN PENCAPAIAN AKADEMIK BAGI PELAJAR-PELAJAR TINGKATAN EMPAT DI SEBUAH SEKOLAH MENENGAH

ABSTRAK

Matlamat kajian penyelidikan ini adalah untuk menyiasat kematangan moral pelajar-pelajar Tingkatan Empat yang mengambil mata pelajaran Pendidikan Moral (16 tahun) di sebuah sekolah di Kuala Lumpur. Tiga kumpulan pelajar yang terdiri daripada 60 orang pelajar daripada pencapaian akademik yang berbeza (tinggi, sederhana, dan rendah) telah dipilih berdasarkan keputusan Penilaian Menengah Rendah (PMR). Dalam setiap kumpulan, 20 orang pelajar telah berjaya menyiapkan soal selidik (Sociomoral Reflection Measure-Short Form (SRM-SF) bagi menguji kematangan moral mereka dalam penaakulan moral.

Dari keputusan yang didapati, hanya 5% (n = 3) dari 60 orang pelajar berada di tahap penaakulan kematangan moral dan 95% (n = 59) yang lain berada di tahap kurang kematangan dalam penaakulan moral. Kumpulan pencapaian akademik yang tinggi mempunyai 15% (n = 3) orang pelajar yang mencapai peringkat 3 manakala 85% lagi berada di peringkat 1 dan 2 (tahap kurang kematangan). Bagi kumpulan pencapaian akademik yang sederhana, 55% (n = 11) daripada pelajar berada di peringkat 1 dan 45% (n = 9) mencapai peringkat 2. Bagi kumpulan pencapaian akademik rendah didapati 95% (n = 19) daripada pelajar berada di peringkat 1 dan hanya 5% (n = 1) berada di peringkat 2. Tiada pelajar daripada kedua-dua kumpulan pencapaian akademik sederhana dan rendah ini mencapai tahap kematangan.

Keputusan secara keseluruhan menunjukkan bahawa terdapat perkaitan di antara kematangan moral dan peringkat pencapaian akademik di kalangan pelajar Tingkatan Empat. Soal selidik SRM-SF dan manual permarkahan didapati sesuai bagi menguji kematangan moral pelajar dalam penaakulan moral. Namun demikian jawapan-jawapan pelajar yang tidak terkandung di dalam manual permarkahan perlu diberi pertimbangan terutamanya jawapan yang berkaitan dengan unsur-unsur budaya timur.

Acknowledgements

I would like to express my thanks to the following individuals that have helped me in completing my research report.

I would like to thank my supervisors, Associate Professor Chang Lee Hoon and Mr. Loh Kok Wah for their advice while carrying out my study.

I would like to thank Professor John C. Gibbs for allowing me to use the SRM-SF instrument in my study on moral maturity and academic achievement.

I would like to thank the Director of Educational Planning and Research Unit and also the Director of the Federal Territory Kuala Lumpur for allowing me to carry out the research in the selected schools in Kuala Lumpur. I would also like to thank the Principal and students of the participating schools for their cooperation in this research study.

I am very grateful to Ivy Fernandez for helping me to edit and proof read the report.

Last but not least, I would also like to thank my wife and children for their patience throughout my study.

CONTENTS

	Page
Abstract	i
Abstrak	ii
Acknowledgements	iv
CHAPTER 1 - BACKGROUND TO THE STUDY	
Introduction	1
Kohlberg's Theory on Moral Development	2
Sociomoral Reflection Measure (SRM)	9
Moral Development and Age Level	13
Academic Achievement and Moral Maturity	15
Research Questions	17
Significance of the Research	17
Glossary of Key Terms	18
CHAPTER 2 - LITERATURE REVIEW	
Introduction	19
Moral Judgement Interview (MJI)	19
Defining Issues Test (DIT)	22
Sociomoral Reflection Measure-Short Form (SRM-SF)	25
Conclusion	27

CHAPTER 3 - RESEARCH METHODOLOGY

Intr	oduction	28
Sam	nple	29
The	Research Instrument	33
Pro	cedures in Data Collection	34
Ana	alysis of Data	36
Vali	idity and Reliability	38
СНАРТІ	ER 4 - RESEARCH RESULTS	
Intro	oduction	40
	el and Stages of Moral Maturity Among n Four Students in a Malaysian School	40
Leve	el of Moral Maturity and Academic Achievement	45
	el and Stages of Moral Maturity for the High iever Group	46
	el and Stages of Moral Maturity for Average ievement Group	47
	el and Stages of Moral Maturity for the Low iever Group	48
Tran	nsitional Stages in Moral Reasoning	49
U So	cores in the SRM-SF Responses	53

30

CH	APTER	5 -	CONCLUSIONS AND RECOMMENDATIONS		
	Introd	uctior	1	58	
	Recommendations				
REI	FEREN	CES		62	
Appendix		A:	A Sociomoral Reflection Measure-Short Form (SRM-SF)	65	
Appendix		B:	Sociomoral Reflection Measure-Short Form (SRM-SF) Questionnaires (Translated Version)	72	
Appendix		C:	Letter Applying for Permission to use SRM-SF	79	
App	endix	D:	Permission to use SRM-SF	80	
App	endix	E:	Permission from the Ministry of Education	81	
App	endix	F:	Permission from State Department of Federal Territory Kuala Lumpur	83	
App	endix	G:	Sample of a Respondent's Responses to SRM-SF Question and Scoring for Moral Maturity	84	
App	endix	H:	An Example of a Respondent's Responses And Scoring on SRM-SF Questions	88	
TAE	BLES				
1.1	Kohlbe	erg's î	Theory on Moral Development Stages	3	
1.2	Level a	and St	age in the Sociomoral Reflections	9	
1.3	.3 Grade Obtained in Sijil Pelajaran Malaysia (SPM) And The Moral Knowledge Paper in Researcher's School in 1996			16	
2.1	Rest's	Theor	ry of Moral Development	22	

3.1 Grading System in PMR Examination Results

3.2	PMR Grade and the Allocated Points	31
3.3	Points Allocated for Each Academic Group According to PMR Results	31
3.4	An Example of PMR Grade And Total Points For A Respondent	32
3.5	Level of Academic Achievement of Form Four Students Doing Moral Education in the Researcher's School	33
3.6	Gibbs et al.'s SRM-SF Global Scale for Level of Maturity in Moral Reasoning	38
4.1	Level and Stages of Moral Maturity of 16 Year Old Respondents	41
4.2	Responses According to Level of Moral Maturity by Levels of Academic Achievement	45
4.3	Level and Stages of Moral Maturity for High Achievement Group	47
4.4	Level and Stages of Moral Maturity for Average Achievement Group	47
4.5	Level and Stages of Moral Maturity for Low Academic Achievement Group	48
4.6	Number of Respondents and the Transitional Stages	49
4.7	Range of Questions Attempted by Respondents	54
4.8	Total Number and Percentage of Respondents Scored "U" for all Questions Attempted	58
4.9	An Example of a Respondent's Score Obtained in Response to SMR-SF Questions	57