

TABLE OF CONTENT

LEGALIZATION SHEET	i
ORIGINAL STATEMENT PAGE	ii
THESIS PUBLICATION APPROVAL PAGE	iii
BIOGRAPHY	iv
ABSTRACT	v
PREFAC	vi
TABLE OF CONTENT	ix
LIST OF FIGURES	xi
LIST OF TABLES	xiii
LIST OF APPENDIX	xiv
CHAPTER I INTRODUCTION	1
1.1. Background	1
1.2. Problem Identification	4
1.3. The Scope	5
1.4. Problem Formulation	5
1.5. Problem Limitation	5
1.6. Research Objectives	6
1.7. Research Benefit	6
1.8. Operational Definition	7
CHAPTER II LITERATURE REVIEW	8
2.1. Teaching Materials	8
2.2. Module	10
2.3. Hypercontent Module	12
2.3.1. Definition of Hypercontent	12
2.3.2. Hypercontent Module	12
2.4. QR Code	12
2.5. Research and Development (R&D)	13
2.6. Relevant Research	16

2.7.	Framework of Learning Material.....	18
2.7.1.	Momentum and Impulse	18
2.7.2.	Relationship Between Impulse and Momentum	20
2.7.3.	The Law of Conservation of Linear Momentum ...	21
2.7.4.	Collisions	21
CHAPTER III	RESEARCH METHOD	23
3.1.	Research Location and Time	23
3.1.1.	Research Location	23
3.1.2.	Research Time.....	23
3.2.	Types of Research.....	23
3.3.	Pupulation and Sample	24
3.3.1.	Population.....	24
3.3.2.	Sample	24
3.4.	Research Variable.....	24
3.4.1.	Independent Variable	24
3.4.2.	Dependent Variable.....	24
3.5.	Research Design	24
3.6.	Data Collection Technique	25
3.6.1.	Test.....	25
3.6.2.	Interview.....	25
3.6.3.	Questionnaire	26
3.7.	Research Instrument	26
3.7.1.	Material Expert Validation Sheet.....	26
3.7.2.	Media Expert Validation Sheet	26
3.7.3.	Teacher Response Questionnaire Sheet	27
3.7.4.	Students' Response Questionnaire Sheet	27
3.8.	Research Procedure	27
3.9.	Data Analysis.....	33
3.9.1.	Analysis of Expert Validation Results	33
3.9.2.	Analysis of Teacher Response Results.....	34

3.9.3. Analysis of Student Response Results	35
3.9.4. Student Learning Outcomes Test	36
CHAPTER IV RESULT AND DISCUSSION.....	37
4.1. Research Result	37
4.1.1. Define	37
4.1.2. Design.....	43
4.1.3. Develop	52
4.2. Discussion.....	59
CHAPTER V CONCLUSSION AND SUGGESTION	63
5.1. Conclussion	63
5.2. Suggestion	63
REFERENCES.....	65
APPENDIX.....	68

