

TABLE OF CONTENTS

ADVISOR APPROVAL SHEET	iii
BOARD OF EXAMINER’S APPROVAL SHEET	iv
DECLARATION OF AUTHORSHIP	v
DECLARATION OF AUTHORSHIP	vi
DEDICATION SHEET	viii
ACKNOWLEDGEMENT	ix
ABSTRACT	x
ABSTRAK.....	xi
TABLE OF CONTENTS.....	xii
LIST OF TABLES.....	xiv
LIST OF APPENDICES.....	xv
CHAPTER I INTRODUCTION.....	17
1.1. Background of the research	17
1.2. Research Problem	24
1.3. Objective of the research	24
1.4. Significance of the Research.....	24
1.5. Scope and Limitation of the Research	25
1.6. Definition of Key Terms	26
CHAPTER II LITERATURE REVIEW	28
2.1. Theoretical Review	28
2.2. Previous Study	41
CHAPTER III RESEARCH METHOD	44
3.1. Research Design	44
3.2. Population and sample	47
3.3 Variables of the Study.....	50
3.4. Research Instrument	53
3.5. Data Collection Method.....	66

3.6. Data Analysis.....	71
CHAPTER IV RESEARCH FINDING.....	77
4.1. Grammatical Patterns Frequently Found in Science and Technology News Texts.....	77
4.2. Comparison of Grammatical Pattern Distribution between the News Corpus and the Textbook Corpus.....	79
4.3. Priority Grammatical Patterns in Science and Technology News Texts	83
4.4. Summary of Findings.....	88
CHAPTER V DISCUSSION.....	91
5.1. Grammatical Pattern	91
5.2. Discussion of Phrase-Level and Verb Phrase Grammatical Patterns in Science and Technology News Texts.....	93
5.3. Pedagogical Implications for EFL Teaching and Materials Development	96
CHAPTER VI CONCLUSION AND SUGGESTION.....	99
6.1. Conclusion	99
6.2. Suggestion.....	100
REFERENCES	102
APPENDICES	105

LIST OF TABLES

Table 3.4.3.1.1 : Clause-Level Grammatical Patterns and POS Markers	63
Table 3.4.3.2.1: Phrase-Level and Verb Phrase Grammatical Patterns	64
Table 3.4.3.3.1 : POS Tag Descriptions (TagAnt / Penn Treebank Tags)	65
Table 4.1.1.1 : Normalized Frequency of Clause-Level Grammatical Patterns in the News Corpus	77
Table 4.1.2.1 : Normalized Frequency of Phrase-Level and Verb Phrase Patterns in the News Corpus	78
Table 4.2.1.1 : Normalized Frequency (per 1,000 Tokens) and Log Ratio of Clause-Level Grammatical Patterns	80
Table 4.2.2.1 : Normalized Frequency (per 1,000 Tokens) and Log Ratio of Phrase-Level and Verb Phrase Grammatical Patterns	81
Table 4.3.1.1 : Priority Clause-Level Grammatical Patterns in the News Corpus	83
Table 4.3.1.2 : Examples Clause-Level Grammatical Patterns from the News Text...	84
Table 4.3.2.1 : Priority Phrase-Level and Verb Phrase Grammatical Patterns in the News Corpus	86
Table 4.3.2.2 : Example of Phrase-Level and Verb Phrase Grammatical Patterns from the News Text	87

LIST OF APPENDICES

Appendix 1 News Corpora Source List	106
Appendix 2: News Corpora Source List	115
Appendix 3: Total Token News Corpus	116
Appendix 4: Total Token Textbook Corpus	116
Appendix 5: News Corpus IN+TO+VBA Pattern	116
Appendix 6: News Corpus BE+VBN Pattern	117
Appendix 7: News Corpus be_VB+VBN Pattern	118
Appendix 8: News Corpus because_IN Pattern	118
Appendix 9: News Corpus DT+NN Pattern	119
Appendix 10: News Corpus have_VB+VBN	119
Appendix 11: News Corpus if_IN Pattern	120
Appendix 12: News Corpus IN+DT+NN	120
Appendix 13: News Corpus IN+NN+IN	121
Appendix 14: News Corpus IN+TO Pattern	121
Appendix 15: News Corpus JJ+NN+NN Pattern	122
Appendix 16: New Corpus JJ+NN Pattern	122
Appendix 17: News Corpus MD+VB	123
Appendix 18: News Corpus NN+IN+DT+NN Pattern	123
Appendix 19: NN+NN+NN Pattern	124
Appendix 20: News Corpus NN+NN Pattern	124
Appendix 21: News Corpus NN+WDT Pattern	125
Appendix 22: News Corpus NN+WP Pattern	125
Appendix 23: News Corpus NN+WRB Pattern	126
Appendix 24: News Corpus that_IN Pattern	126
Appendix 25: News Corpus TO+VB Pattern	127
Appendix 26: News Corpus VB+TO+VB Pattern	127
Appendix 27: News Corpus WDT Pattern	128
Appendix 28: News Corpus when WRB Pattern	128
Appendix 29: News Corpus WP Pattern	129
Appendix 30: News Corpus WRB Pattern	129
Appendix 31: Textbook Corpus be_VB+VBG Pattern	130
Appendix 32: Textbook Corpus be_VB+VBN Pattern	130
Appendix 33: Textbook Corpus because_IN Pattern	131
Appendix 34: Textbook Corpus be_VB+VBN Pattern	131
Appendix 35: Textbook Corpus DT+NN Pattern	132
Appendix 36: Textbook Corpus have VB+VBN Pattern	132
Appendix 37: Textbook Corpus if_IN Pattern	133
Appendix 38: Textbook Corpus IN+DT+NN Pattern	133
Appendix 39: Textbook Corpus IN+NN+IN Pattern	134
Appendix 40: Textbook Corpus IN+TO+VB Pattern	134
Appendix 41: Textbook Corpus IN+TO Pattern	135
Appendix 42: Textbook Corpus JJ+NN+NN Pattern	135

Appendix 43: Textbook Corpus JJ+NN Pattern.....	136
Appendix 44: Textbook Corpus MD+VB Pattern	136
Appendix 45: Textbook Corpus NN+IN+DT+NN Pattern	137
Appendix 46: Textbook Corpus NN+NN+NN Pattern	137
Appendix 47: Textbook Corpus NN+NN	138
Appendix 48: Textbook Corpus NN+WDT Pattern	138
Appendix 49: Textbook Corpus NN+WP Pattern	139
Appendix 50: Textbook Corpus that_IN Pattern.....	139
Appendix 51: Textbook Corpus TO+VB Pattern.....	140
Appendix 52: Textbook Corpus VB+TO+VB Pattern	140
Appendix 53: Textbook Corpus WDT Pattern.....	141
Appendix 54: Textbook Corpus when_WRB Pattern	141
Appendix 55: Textbook Corpus WP Pattern	142
Appendix 56: Keterangan Selesai Bimbingan	143
Appendix 57: Form Konsultasi hal. 1.....	144
Appendix 58: Form Konsultasi hal. 2.....	145
Appendix 59: Example News Text from BBC	146
Appendix 60: Example of News Text From The Guardian	149
Appendix 61: Example of News Text from The CNN.....	150
Appendix 62: Example from "Approach and Method in Language Teaching".....	151
Appendix 63: Example from "Technique and Principles in Language Teaching".....	152