Brief Contents

	List of Figures	page xv
	List of Tables	xviii
	List of Boxes	XX
	Preface	xxi
	Acknowledgements	xxvi
	List of Abbreviations	xxvii
1	Theoretical Foundations	1
2	Intervention Research and Grammar Teaching	30
3	Articles	57
4	Verb Placement and Question Formation	83
5	Inflectional Morphology	119
6	Subjunctive Mood	153
7	Argument Structure	194
8	Direct and Indirect Objects	232
9	Word Order and Related Syntactic Phenomena	269
0	Where to Go Next	301
	Glossary	325
	References	342
	Index	380

Contents

	List of Figures p	page xv
	List of Tables	xviii
	List of Boxes	XX
	Preface	xxi
	Acknowledgements	xxvi
	List of Abbreviations	xxvii
	L. 1 bij e. anitrotteni spappaa. Eboros-Eloi esdoso iggi. spitimano a.c.c.	
1	Theoretical Foundations	1
	1.1 Linguistics and Second Language Acquisition	2
	1.1.1 What Is Linguistics?	2
	1.1.2 Second Language Acquisition: Timing and Context	5
	1.1.3 Heritage Speakers: In between First and Second	
	Language Acquisition	6
	1.1.4 Biological Foundations of Language	9
	1.1.5 The Role of Input in Language Acquisition	10
	1.1.6 Differences among First Language Learners, Second Language	
	Learners, and Heritage Speakers	12
	1.2 The Explicit vs. Implicit Distinction	15
	1.2.1 Implicit vs. Explicit Knowledge and Learning	16
	1.2.2 Characteristics of Implicit vs. Explicit Knowledge	17
	1.2.3 How do Implicit and Explicit Knowledge Interact?	19
	1.2.4 Implicit vs. Explicit Instruction and Feedback	20
	1.2.5 Measuring Implicit vs. Explicit Knowledge and Learning	22
	1.2.6 The Explicit vs. Implicit Distinction in Intervention Research	27
	1.3 What's Next?	27
	1.4 Discussion Questions	28
	1.5 Further Reading	28
2	Intervention Research and Grammar Teaching	30
	2.1 Introduction to Classroom and Lab-Based Intervention	
	Research	30
	2.1.1 Where to Start: Pedagogical vs. Theoretical Starting Points	31
	2.1.2 The Learning Environment: Foreign Language vs. Immersive	33

		2.1.3 Components of Intervention Research Studies	35
		2.1.4 Control Group vs. Comparison Group Design	37
		2.1.5 (Quasi-)Experimental Design	38
		2.1.6 Timeline of Intervention Research Studies	41
		2.1.7 Summary: The Logic of Intervention Research	43
	2.2	Approaches to Grammar Teaching	45
		2.2.1 Naturalistic vs. Instructed Second Language Acquisition	45
		2.2.2 Choices in Second Language Grammar Instruction	46
		2.2.3 Content-Based Language Teaching	47
		2.2.4 Traditional Focus on FormS Instruction	48
		2.2.5 Communicative Language Teaching	49
		2.2.6 Focus on Form Approaches	49
		2.2.7 Processing Instruction	51
		2.2.8 Summary: Approaches to Second Language Instruction and	
		Sample Application	52
	2.3	A Preview of the Next Eight Chapters	53
	2.4	Discussion Questions	54
	2.5	Further Reading	55
3	Art	icles	57
	3.1	Terminology	57
		3.1.1 Count vs. Mass Nouns, and Article Omission	59
		3.1.2 Definiteness	59
		3.1.3 Specificity	61
		3.1.4 Genericity	62
		3.1.5 Kind Reference	64
		3.1.6 Summary: Articles in Second Language Acquisition	65
	3.2	Intervention Studies on Articles in English as a Second Language	65
		3.2.1 Intervention Studies with a Focus on Particular	
		Instructional Techniques	67
		3.2.2 Intervention Studies with a Focus on Particular Theoretical	
		Approaches to Articles	72
		Summary and Implications	77
		Discussion Questions	79
		Applications Questions	79
	3.6	Further Reading	81
4		rb Placement and Question Formation	83
	4.1	Terminology	84
		4.1.1 Functional Categories and Features	84

	4.1.2 The Verb Movement Parameter	85
	4.1.3 Verb Second	87
	4.1.4 Wh-movement: Question Formation	88
4.2	Adverb Placement in Second Language Acquisition	90
	4.2.1 The Verb Movement Parameter in Second Language	
	Acquisition	90
	4.2.2 Classroom Intervention Studies on Adverb-Verb Placement	
	in English	92
	4.2.3 Intervention Studies on Negative Adverb Placement in English as	
	a Second Language	99
	4.2.4 Intervention Studies on Verb Placement in Spanish as a	100
	Second Language	100
	4.2.5 Summary: Intervention Studies with Adverbs	102
4.3	Question Formation in Second Language Acquisition	105
	4.3.1 Question Formation: Findings from Second Language	105
	Acquisition Research	105
	4.3.2 Intervention Studies on Question Formation	106
	Summary and Implications	114
	Discussion Questions	117
	Applications Questions Eurther Booding	117
4.7	Further Reading	118
	and a least sentiles Souther of Spanishing the Spanishing the sentiles of the	
	ectional Morphology Terminology	119
	reminology	119
5.2	Inflectional Morphology in Second Language Acquisition:	100
	Experimental Findings and Theoretical Implications	122
	5.2.1 Errors with Inflectional Morphology as a Representation vs.	100
	Processing Problem	123
	5.2.2 Psycholinguistic Studies on Inflectional Morphology in Second	125
F 2	Language Acquisition Interpolition Personal Ctudios on Infloctional Mambalage	125
5.3	Intervention Research Studies on Inflectional Morphology	126
	5.3.1 Processing Instruction Studies on Tense Marking	126
	5.3.2 Explicit vs. Implicit Knowledge and Instruction in the Domain of	135
	Verbal Morphology E 2 2 Differential Effects of Corrective Feedback Types on	133
	5.3.3 Differential Effects of Corrective Feedback Types on Grammatical Gender	141
E 1		149
	Summary and Implications Discussion Questions	150
	Applications Questions	150
	Further Reading	151
5.1	I di dici itcuding	132

Contents

xi

6	Subjunctive	Mood		153
	6.1 Termino	ology		154
	6.1.1 Inc	dicative vs. Subjunctive Mood		154
	6.1.2 Th	e Subjunctive in Spanish		156
	6.1.3 Th	e Subjunctive Mood in Linguistic The	eory	160
	6.2 First and	d Second Language Acquisition Stu	dies on the	
	Subjunc	rtive		161
	6.2.1 Th	e Subjunctive in First Language Acqu	aisition	161
	6.2.2 Th	e Subjunctive in Second Language A	cquisition	162
	6.3 Second	Language Intervention Research Stu	udies on the	
	Subjunc	rtive		168
	6.3.1 Pro	ocessing Instruction Studies with the	Subjunctive	168
	6.3.2 Ins	struction with the Subjunctive in Adv	verbial Clauses	176
	6.3.3 Th	e Use of Psycholinguistic Methods in	Intervention Studies	
	wi	th the Subjunctive		177
	6.4 Studies	of the Subjunctive with Heritage Sp	beakers of	
	Romano	e Languages		183
	6.4.1 Ex	perimental Studies on Knowledge of	the Subjunctive in	
	He	eritage Speakers		183
	6.4.2 Int	tervention Studies on the Subjunctive	e with Heritage	
	Sp	anish Speakers		185
		ry and Implications		190
	6.6 Discussi	ion Questions		190
	6.7 Applica	tions Questions		191
	6.8 Further	Reading		192
		ings and Theoretical Implications		
7	Argument S	Structure		194
	7.1 Termino	ology and Linguistic Background		194
*	7.1.1 Tra	ansitivity		195
	7.1.2 Th	ne Passive		197
	7.1.3 Int	transitive Verbs and the Unaccusative	e Hypothesis	201
	7.2 The Acc	quisition of Passives		204
	7.2.1 Pa	ssives in Second Language Acquisition	on	205
	7.2.2 Cla	assroom Intervention Studies on the l	Passive	205
	7.3 The Acc	quisition of Unaccusativity		214
	7.3.1 Ur	naccusatives and Overpassivization	Leginania)	215
	7.3.2 Th	e Unaccusativity Hierarchy		217
	7.3.3 In	tervention Studies with English Unac	cusatives	218
	7.3.4 Ac	equisition of Spanish Unaccusatives		220
	7.4 Summa	ry and Implications		229
	7.3.3 Int	tervention Studies with English Unac equisition of Spanish Unaccusatives	cusatives	2

	Contents	xiii
	7.5 Discussion Questions	229
	7.6 Application Questions	229
	7.7 Further Reading	231
8	Direct and Indirect Objects	232
	8.1 Terminology	232
	8.2 The English Double Object Construction in Second	
	Language Acquisition	233
	8.2.1 Background on Double Objects: Theory and First	
	Language Acquisition	234
	8.2.2 Second Language Acquisition Experimental Research on	
	English Double Object Constructions	236
	8.2.3 Intervention Studies with English Double	
	Object Constructions	238
	8.2.4 Summary and Implications: English Double	
	Object Constructions	246
	8.3 The Expression of Objects in the Second Language Acquisition	
	of Spanish	246
	8.3.1 Background: Object Expression in Spanish	248
	8.3.2 Studies on Object Expression in Spanish as a	
	Second Language	252
	8.3.3 Intervention Studies of Spanish Object Expression	253
	8.3.4 Summary and Implications: Object Expression in Spanish	266
	8.4 Discussion Questions	266
	8.5 Applications Questions	267
	8.6 Further Reading	268
0		269
9	9.1 Sentence-Level Word Order	269
	9.1 Sentence-Level word Orders Cross-Linguistically and in	209
		273
	Second Language Acquisition 9.1.2 Processing Instruction Studies on the Comprehension of	213
	Non-Canonical Word Orders	275
	9.2 Adjective Ordering	281
	9.2.1 Adjective Ordering in Linguistic Theory and in Second	201
	Language Acquisition	282
	9.2.2 Intervention Studies with Adjective Ordering	283
	9.3 Relative Clauses	284
	9.3.1 Relative Clauses in Linguistics and in Second	
	Language Acquisition	285
	00	

	9.3.2 Intervention Studies on Relative Clauses and the Noun Phrase	
	Accessibility Hierarchy in English as a Second Language	286
	9.3.3 Intervention Studies on English Relative Clauses, and the Role	
	of Learner Output	288
	9.3.4 Intervention Studies with Japanese Relative Clauses	291
	9.4 Quantifier Scope	292
	9.4.1 Quantifier Scope: Linguistic Background and Terminology	293
	9.4.2 Second Language Acquisition and Intervention Studies	
	with Quantifier Scope	294
	9.5 Summary and Implications	298
	9.6 Discussion Questions	299
	9.7 Applications Questions	299
	9.8 Further Reading	300
10	Where to Go Next	301
	10.1 Efficacy of Different Instructional Approaches	302
	10.1.1 Efficacy of Explicit Output-Based Instruction	303
	10.1.2 Efficacy of Implicit Instruction	305
	10.1.3 Efficacy of Structured Input and Input Processing	
	Instruction	306
	10.1.4 Efficacy of Different Feedback Types	308
	10.1.5 Summary	308
	10.2 Intervention Research and Linguistic Representations	309
	10.2.1 The Role of the First Language	309
	10.2.2 Linguistic Theory and Intervention Research	312
	10.3 Suggestions for Future Research	318
	10.3.1 Issues of Scope, Generalizability, and Study Length	318
	10.3.2 Nature of Intervention Activities	320
	10.3.3 New Technologies	321
	10.4 Conclusion	323
	10.5 Further Reading	324
	Glossary	325
	References	342
	Index	380