## **Contents**

Preface	page xi	Discussion Topics/Projects	27
Acknowledgments	xiii	Further Reading	28
1 The Origins of Language	1	3 The Sounds of Language	3(
The Divine Source	2	Phonetics	31
The Natural Sound Source	3	Consonants	31
The "Bow-Wow" Theory	3	Voiced and Voiceless Sounds	31
The "Pooh-Pooh" Theory	3	Place of Articulation	32
The Musical Source	4	Familiar Symbols	33
The Social Interaction Source	5	Unfamiliar Symbols	33
The Physical Adaptation Source	5	Transcribing Sounds (Not Letters)	34
Teeth and Lips	6	Manner of Articulation	35
Mouth and Tongue	6	A Consonant Chart	36
Larynx and Pharynx	6	Glottal Stops and Flaps	36
The Tool-Making Source	7	Vowels	38
The Human Brain	7	Diphthongs	39
The Gesture Source	8	American and British Diphthongs	40
The Genetic Source	9	Subtle Individual Variation	40
The Innateness Hypothesis	9	Study Questions	41
Study Questions	10	Tasks	42
Tasks	10	Discussion Topics/Projects	45
Discussion Topics/Projects	12	Further Reading	45
Further Reading	12		
2 Animals and Human Language	15	4 The Sound Patterns of Language	47
Communication	16	Phonology	48
Properties of Human Language	16	Phonemes	49
Displacement	17	Natural Classes	49
Arbitrariness	17	Phones and Allophones	50
Cultural Transmission	18	Complementary Distribution	51
Productivity	19	Minimal Pairs and Sets	51
Duality	20	Phonotactics	51
Talking to Animals	20	Syllables	52
Chimpanzees and Language	21	Consonant Clusters	52
Washoe	21	Coarticulation Effects	53
Sarah and Lana	22	Assimilation	53
The Controversy	23	Nasalization	53
Kanzi	24	Elision	54
Using Language	24	Normal Speech	54
Study Questions	25	Study Questions	55
Tasks	25	Tasks Discussion Tonics/Projects	56 58
		DISCUSSION LODICS/PINIECTS	77

Bob Belviso Translated	59	7 Grammar	97
Further Reading	59	Frankish Ossansas	0.0
		English Grammar	98
5 Word Formation	61	Traditional Grammar	98
Naclogiama	62	The Parts of Speech	99
Neologisms	62	Agreement	100
Etymology	62	Grammatical Gender	101
Borrowing	63	Traditional Analysis	101
Loan-Translation	63	The Prescriptive Approach	102
Compounding	64	Captain Kirk's Infinitive	102
Blending	64	The Descriptive Approach	103
Clipping	65	Structural Analysis	103
Hypocorisms	65	Constituent Analysis	104
Backformation	65	Subjects and Objects	105
Conversion	66	Word Order	106
Coinage	67	Language Typology	106
Acronyms	67	Why Study Grammar?	107
Derivation	68	Study Questions	108
Prefixes and Suffixes	68	Tasks	109
Infixes	68	Discussion Topics/Projects	115
Multiple Processes	69	Further Reading	116
Study Questions	70	_	
Tasks	71	8 Syntax	118
Discussion Topics/Projects	75	Syntactic Rules	119
Further Reading	77	-	
C. Marabalani		A Generative Grammar	119
6 Morphology	79	Syntactic Analysis	120
Morphology	80	Phrase Structure Rules	121
Morphemes	80	Lexical Rules	121
Free and Bound Morphemes	81	Tree Diagrams	122
Lexical and Functional Morphemes	81	Tree Diagrams of English Sentences	123
Derivational Morphemes	82	A Movement Rule	124
Inflectional Morphemes	82	Study Questions	126
Morphological Description	83	Tasks	127
Morphs, Allomorphs and Special	00	Discussion Topics/Projects	132
Cases	84	Further Reading	133
Other Languages	85	0.0	
Kanuri	85	9 Semantics	135
Ganda	85	Meaning	136
llocano	86	Semantic Features	137
Tagalog	86	Componential Analysis	137
Study Questions	87	Words as Containers of Meaning	138
Tasks	88	Semantic Roles	138
Discussion Topics/Projects	94	Agent and Theme	138
Further Reading	05	Instrument and Experiencer	139

Location, Source and Goal	139	Pauses and Filled Pauses	180
Lexical Relations	140	Adjacency Pairs	180
Synonymy	140	Insertion Sequences	181
Antonymy	141	Conversational Repair	182
Нуропуту	141	Background Knowledge	183
Prototypes	143	Schemas and Scripts	184
Homophones and Homonyms	143	Study Questions	185
Polysemy	144	Tasks	185
Word Play	144	Discussion Topics/Projects	188
Metonymy	145	Further Reading	189
Collocation	145		
Concordance	146	12 Language and the Brain	191
Study Questions	147		100
Tasks	148	Neurolinguistics	192
Discussion Topics/Projects	152	Language Areas in the Brain	192
Further Reading	153	Broca's Area	193
		Wernicke's Area	193
10 Pragmatics	155	The Motor Cortex and the Arcuate	
15-17-70-00 1991 1901 1990 1988-1990 1991 1991 1991 1991 1991 1991 1991		Fasciculus	194
Invisible Meaning	156	The Localization View	194
Context	157	Tongue Tips and Slips	195
Deixis	158	The Tip of the Tongue Phenomenon	195
Reference	159	Slips of the Tongue	195
Inference	159	Slips of the Brain	196
Anaphora	160	Slips of the Ear	196
Presupposition	161	Aphasia	197
Pragmatic Markers	161	Broca's Aphasia	197
The Co-operative Principle	162	Wernicke's Aphasia	198
Hedges	163	Conduction Aphasia	198
Implicatures	163	Dichotic Listening	199
Politeness	164	Left Brain, Right Brain	200
Negative and Positive Face	164	The Critical Period	200
Speech Acts	165	Genie	201
Direct and Indirect Speech Acts	165	Study Questions	202
Study Questions	166	Tasks	202
Tasks	167	Discussion Topics/Projects	205
Discussion Topics/Projects	172	Further Reading	205
Further Reading	173		
		13 First Language Acquisition	208
11 Discourse Analysis	175	Acquisition	209
Discourse	176	Acquisition	
Discourse	176	Input	209
Interpreting Discourse	176	Caregiver Speech	210
Cohesion	177	The Acquisition Schedule	210
Coherence	178	Cooing	211
Conversation Analysis	179	Babbling	211
Turn-Taking	179	The One-Word Stage	212

The Two-Word Stage	212	Types of Sign Languages	246
Telegraphic Speech	213	Oralism	247
The Acquisition Process	213	Signed English	247
Learning through Imitation?	214	Origins of ASL	248
Learning through Correction?	214	The Structure of Signs	248
Developing Phonology	215	Shape and Orientation	249
Developing Morphology	216	Location	249
Developing Syntax	217	Movement	249
Forming Questions	217	Primes	249
Forming Negatives	218	Facial Expressions and Finger-Spelling	250
Developing Semantics	219	Representing Signs	250
Later Developments	220	The Meaning of Signs	251
Study Questions	221	Sign Languages as Natural Languages	252
Tasks	221	Nicaraguan Sign Language	252
Discussion Topics/Projects	225	Study Questions	253
Further Reading	225	Tasks	253
44.0		Discussion Topics/Projects	254
14 Second Language Acquisition	228	Further Reading	255
Second Language Acquisition	229		
Becoming Bilingual	229	16 Written Language	257
Acquisition Barriers	230		
The Age Factor	230	Writing	258
Affective Factors	231	Pictograms	258
Motivation	231	Ideograms	259
Focus on Teaching Method	232	Logograms	260
The Grammar-Translation Method	232	Phonographic Writing	261
The Audiolingual Method	232	The Rebus Principle	261
Communicative Approaches	233	Syllabic Writing	262
Task-Based Learning	233	Alphabetic Writing	263
Focus on the Learner	233	Written English	264
Transfer	234	English Orthography	265
Interlanguage	234	Study Questions	266
Input and Output	235	Tasks	266
Communicative Competence	236	Discussion Topics/Projects	270
Study Questions	237	Further Reading	271
Tasks	237		
Discussion Topics/Projects	241	17 Language History and Change	273
Further Reading	241	Family Trees	274
47.0		Indo-European	275
15 Gestures and Sign Languages	244	Cognates	275
Gestures	245	Comparative Reconstruction	276
Iconics	245	Comparing Cognates	276
Deictics	245	Sound Reconstruction	270
Beats	246		277
- 5410	210	Word Reconstruction	4//

The History of English	278	Speech Style and Style-Shifting	312
Old English	278	Prestige	313
Middle English	279	Speech Accommodation	313
Sound Changes	280	Convergence	313
Metathesis	280	Divergence	314
Epenthesis	281	Register	314
Prothesis	281	Jargon	314
Syntactic Changes	281	Slang	315
Loss of Inflections	282	Taboo Terms	315
Semantic Changes	282	African American English	316
Broadening of Meaning	283	Vernacular Language	316
Narrowing of Meaning	283	The Sounds of a Vernacular	317
Diachronic and Synchronic Variation	283	The Grammar of a Vernacular	317
Study Questions	284	Study Questions	319
Tasks	285	Tasks	319
Discussion Topics/Projects	288	Discussion Topics/Projects	322
Further Reading	289	Further Reading	322
18 Regional Variation in Languag	<b>e</b> 291	20 Language and Culture	325
The Standard Language	292	Culture	326
Accent and Dialect	292	Categories	326
Variation in Grammar	293	Kinship Terms	327
Dialectology	293	Time Concepts	327
Regional Dialects	294	Linguistic Relativity	328
Isoglosses	294	The Sapir–Whorf Hypothesis	328
Dialect Boundaries	295	Against the Sapir–Whorf Hypothesis	329
The Dialect Continuum	296	Snow	329
Regional Bilingualism	296	Non-lexicalized Categories	330
Diglossia	297	Cognitive Categories	330
Language Planning	298	Classifiers	331
Pidgins	299	Social Categories	331
Creoles	300	Address Terms	332
The Post-Creole Continuum	300	Gender	333
Study Questions	301	Gendered Speech	333
Tasks	301	Gendered Interaction	334
Discussion Topics/Projects	305	Gender Neutral	335
Further Reading	305	Study Questions	336
Turnor nounng	000	Tasks	337
40 Casial Vanishing in Lauren	0.00	Discussion Topics/Projects	342
19 Social Variation in Language	308	Further Reading	342
Sociolinguistics	309		0 12
Social Dialects	309	Glossary	345
Education and Occupation	310	References	361
Social Markers	311	Index	380