Contents

About the author iii
Foreword v
Preface xv

Chapter 1 Development of speech 1
Origins 1
The developmental analogy 2
Symbolic and non-symbolic acts 2
The 'child tongue' 3
How Nigel started to mean 4
One child's protolanguage 5
Evolutionary interpretations 7
From protolanguage to language 9

Chapter 2 Writing systems 12
Pictures and written symbols 12
From picture to character 14
The Chinese system of writing 16
From ancient Egyptian to English 19
Charactery, syllabary, alphabet 22
A note on 'ideograms' 24
The English writing system 26

Chapter 3 Written language 29
Codified and codable expressions 29
What writing leaves out 30
Punctuation 32
How punctuation relates to grammar and phonology 34
Written texts with minimal punctuation; punctuation and pausing 37
Functions of the written language 39
Forms of written English 41
Variation and written language 42

Chapter 4 Spoken language: prosodic features 46
Speech and transcription 46
Intonation and rhythm 48
English rhythm 49
English intonation: tonicity and tone 52

The meaning of tonic prominence 54
The meaning of tone 56
The dynamics of intonation 58

Chapter 5 Written language: lexical density 61
The complexity of written language 61
Lexical density 63
Frequency 64
A more revealing measure of lexical density 65
The clause 67
The clause as an elastic body 69
Nouns and nominality 72

Chapter 6 Spoken language: grammatical intricacy 76
Speech no less structured than writing 76
Lexical sparsity in spoken language 79
Representing experience in talk 80
The clause complex in spoken language 82
Some longer passages of speech 84
Two kinds of complexity 87
Transcribing spoken texts 90

Chapter 7 Speaking, writing, and learning 92
Differences between speech and writing 92
Grammatical metaphor 93
Learning through language 96
Conclusion 97

Appendix 102
References 104
Further reading 105
Technical terms 108
Acknowledgements 109