# Contents

1 **Introduction** 1
   1.0 Why do speech and language therapy students need to study linguistics? 1
   1.1 Why do speech and language therapy students need this book? 2
   1.2 Aims of this book, and what this book will *not* aim to do 3
   1.3 Some preliminaries
      1.3.1 Levels of description in language 5
   1.4 How this book is organised 8
   1.5 Exercises 9
   Exercises using clinical assessments 9
   Further reading 9

2 **Words and Non-words** 10
   2.0 Introduction 10
   2.1 Why do SLTs need this knowledge? 11
   2.2 Learning objectives 12
   2.3 Words, word-forms and lexemes 12
   2.4 Testing word processing and related abilities 14
   2.5 Principles of selection of items in clinical resources 15
   2.6 Words and non-words 22
   Chapter summary 23
   Exercises using clinical resources 24
   Further reading 24

3 **Word Meaning** 25
   3.0 Introduction 25
   3.1 Why do SLTs need this knowledge? 26
   3.2 Learning objectives 26
   3.3 Reference and sense 27
   3.4 Lexical semantics
      3.4.1 Lexemes, categories and concepts 28
      3.4.2 Decomposition of word meaning 29
      3.4.3 Basic concepts 31
      3.4.4 Semantic fields 32
      3.4.5 Sense relations 34
      3.4.6 Lexical ambiguity 37
<table>
<thead>
<tr>
<th>Chapter summary</th>
<th>38</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exercises using clinical resources</td>
<td>39</td>
</tr>
<tr>
<td>Further reading</td>
<td>40</td>
</tr>
</tbody>
</table>

### 4 Sentence Meaning

4.0 Introduction 41
4.1 Why do SLTs need this knowledge? 41
4.2 Learning objectives 42
4.3 Sentence-level meaning 42
  4.3.1 Semantic roles 44
  4.3.2 Reversibility 47
  4.3.3 Contradiction 49
  4.3.4 Syntactic ambiguity 50

Chapter summary 51
Exercises using clinical resources 51
Further reading 52

### 5 Parts of Speech

5.0 Introduction 53
5.1 Why do SLTs need this knowledge? 54
5.2 Learning objectives 54
5.3 Identifying parts of speech 55
  5.3.1 Content words and function words 55
  5.3.2 Why is it sometimes difficult to identify parts of speech in English? 55
  5.3.3 Traditional, meaning-based criteria 57
  5.3.4 Form-based criteria 57
  5.3.5 Tests for parts of speech 61

Chapter summary 83
Exercises using clinical resources 83
Further reading 84

### 6 Word Structure

6.0 Introduction 85
6.1 Why do SLTs need this knowledge? 86
6.2 Learning objectives 86
6.3 Words and morphemes 87
6.4 Free and bound forms 89
6.5 Allomorphs 90
6.6 Common mechanisms of word formation in English 92
  6.6.1 Compounding 92
  6.6.2 Affixation 94
6.7 Mean length of utterance in morphemes 104

Chapter summary 104
Exercises using clinical resources 105
Further reading 106
7 Sentence Structure 1: Phrases and Clauses

7.0 Introduction 107
7.1 Why do SLTs need this knowledge? 108
7.2 Learning objectives 109
7.3 Syntax, morphology and the lexicon 109
7.4 Phrases
7.4.1 Criteria for phrases 111
7.4.2 Types of phrases 112
7.4.3 Heads, modifiers and phrase types 113
7.4.4 Phrases: noun phrases 114
7.4.5 Phrases: prepositional phrases 115
7.4.6 Phrases: adjective phrases 116
7.4.7 Phrases: adverb phrases 116
7.4.8 Phrases: verb phrases 117
7.5 Clauses
7.5.1 Elements of the clause 118
7.5.2 Elements of the clause: verb 121
7.5.3 Elements of the clause: subject 121
7.5.4 Elements of the clause: object 123
7.5.5 Elements of the clause: complement 127
7.5.6 Elements of the clause: adverbial 129
7.5.7 Phrases and grammatical functions 131
7.5.8 Notation for clauses 131

Chapter summary 133
Exercises using clinical resources 133
Further reading 134

8 Sentence Structure 2: Constructions and Main Clauses

8.0 Introduction 135
8.1 Why do SLTs need this knowledge? 136
8.2 Learning objectives 137
8.3 Declarative, interrogative and imperative clauses
8.3.1 Basic constructions: declarative clauses 138
8.3.2 Imperative clauses 139
8.3.3 Interrogative clauses: yes–no interrogatives 140
8.3.4 Interrogative clauses: wh interrogatives 141
8.3.5 Interrogative clauses: tag questions 141
8.4 The active, passive and middle constructions
8.4.1 Active clauses/constructions 143
8.4.2 Passive clauses/constructions 144
8.4.3 Middle clauses/constructions 145
8.5 Negation 147

Chapter summary 151
Exercises using clinical resources 152
Further reading 152
<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Sentence Structure 3: Subordinate Clauses and Sentences</td>
<td>153</td>
</tr>
<tr>
<td>9.0</td>
<td>Introduction</td>
<td>153</td>
</tr>
<tr>
<td>9.1</td>
<td>Why do SLTs need this knowledge?</td>
<td>153</td>
</tr>
<tr>
<td>9.2</td>
<td>Learning objectives</td>
<td>154</td>
</tr>
<tr>
<td>9.3</td>
<td>Main and subordinate clauses</td>
<td>154</td>
</tr>
<tr>
<td>9.4</td>
<td>Recognising different types of subordinate clause</td>
<td>155</td>
</tr>
<tr>
<td>9.4.1</td>
<td>Relative clauses</td>
<td>155</td>
</tr>
<tr>
<td>9.4.2</td>
<td>Adverbial clauses</td>
<td>156</td>
</tr>
<tr>
<td>9.4.3</td>
<td>Complement clauses</td>
<td>157</td>
</tr>
<tr>
<td>9.5</td>
<td>Clauses that modify nouns</td>
<td>159</td>
</tr>
<tr>
<td>9.6</td>
<td>Optional extra on relative clauses</td>
<td>161</td>
</tr>
<tr>
<td>9.7</td>
<td>Sentences</td>
<td>165</td>
</tr>
<tr>
<td></td>
<td>Chapter summary</td>
<td>166</td>
</tr>
<tr>
<td></td>
<td>Exercises using clinical resources</td>
<td>168</td>
</tr>
<tr>
<td></td>
<td>Further reading</td>
<td>168</td>
</tr>
<tr>
<td>10</td>
<td>Sentence Structure 4: Non-finite Clauses</td>
<td>169</td>
</tr>
<tr>
<td>10.0</td>
<td>Introduction</td>
<td>169</td>
</tr>
<tr>
<td>10.1</td>
<td>Why do SLTs need this knowledge?</td>
<td>170</td>
</tr>
<tr>
<td>10.2</td>
<td>Learning outcomes</td>
<td>170</td>
</tr>
<tr>
<td>10.3</td>
<td>Infinitives and (Type 1) gerunds</td>
<td>170</td>
</tr>
<tr>
<td>10.3.1</td>
<td>Understood subject and control</td>
<td>172</td>
</tr>
<tr>
<td>10.4</td>
<td>Type 2 gerunds</td>
<td>173</td>
</tr>
<tr>
<td>10.5</td>
<td>Bare-verb clauses</td>
<td>175</td>
</tr>
<tr>
<td>10.6</td>
<td>Free participle clauses</td>
<td>175</td>
</tr>
<tr>
<td>10.7</td>
<td>Reduced clauses</td>
<td>176</td>
</tr>
<tr>
<td></td>
<td>Chapter summary</td>
<td>179</td>
</tr>
<tr>
<td></td>
<td>Exercises using clinical resources</td>
<td>180</td>
</tr>
<tr>
<td></td>
<td>Further reading</td>
<td>180</td>
</tr>
<tr>
<td>11</td>
<td>Language in Use 1: Deixis and Reference</td>
<td>181</td>
</tr>
<tr>
<td>11.0</td>
<td>Introduction</td>
<td>181</td>
</tr>
<tr>
<td>11.1</td>
<td>Why do SLTs need this knowledge?</td>
<td>181</td>
</tr>
<tr>
<td>11.2</td>
<td>Learning objectives</td>
<td>182</td>
</tr>
<tr>
<td>11.3</td>
<td>Reference and deixis</td>
<td>182</td>
</tr>
<tr>
<td>11.3.1</td>
<td>Deixis: introduction</td>
<td>183</td>
</tr>
<tr>
<td>11.3.2</td>
<td>Deixis: personal pronouns</td>
<td>184</td>
</tr>
<tr>
<td>11.3.3</td>
<td>Deixis: demonstratives</td>
<td>186</td>
</tr>
<tr>
<td>11.3.4</td>
<td>Deixis: spatial expressions</td>
<td>188</td>
</tr>
<tr>
<td>11.3.5</td>
<td>Deixis: verbs of movement</td>
<td>189</td>
</tr>
<tr>
<td>11.3.6</td>
<td>Deixis: temporal expressions</td>
<td>191</td>
</tr>
<tr>
<td>11.3.7</td>
<td>Deixis: tense</td>
<td>193</td>
</tr>
<tr>
<td>11.3.8</td>
<td>Deixis: extended uses</td>
<td>194</td>
</tr>
<tr>
<td>11.4</td>
<td>Reference</td>
<td>197</td>
</tr>
<tr>
<td></td>
<td>Chapter summary</td>
<td>202</td>
</tr>
<tr>
<td></td>
<td>Exercises using clinical resources</td>
<td>202</td>
</tr>
<tr>
<td></td>
<td>Further reading</td>
<td>203</td>
</tr>
</tbody>
</table>
Contents

15 Narrative 2: Given and New, Theme, Focus 261
  15.0 Introduction 261
  15.1 Why do SLTs need this knowledge? 261
  15.2 Learning objectives 262
  15.3 Given and new information 262
  15.4 Theme 264
  15.5 Focus
    15.5.1 Focus: tonic accent 270
    15.5.2 Focus: IT clefts 272
    15.5.3 Focus: WH clefts 274
    15.5.4 Focus: TH clefts 275
  15.6 Conclusion 276
  Chapter summary 277
  Exercises using clinical resources 278
  Further reading 278

16 Narrative 3: Syntax and the Organisation of Text 279
  16.0 Introduction 279
  16.1 Why do SLTs need this knowledge? 279
  16.2 Learning objectives 280
  16.3 Tense and aspect in narrative
    16.3.1 Tense and aspect: reminder of the main points 280
    16.3.2 Simple Past versus Progressive in narrative 281
    16.3.3 Perfect 281
    16.3.4 Tense and aspect: problems of usage 282
  16.4 Analysing clinical test narratives 283
    16.4.1 The runaway tractor story 283
    16.4.2 The safari park story 286
    16.4.3 The sports day story 286
    16.4.4 The squirrel story 287
  16.5 Some loose ends
    16.5.1 End weight 288
    16.5.2 End weight: extraposition 288
    16.5.3 Passives in narrative text 290
    16.5.4 Non-finite clauses 292
  Chapter summary 294
  Exercises using clinical resources 294

17 Conclusion 297

Appendix A: Islands of Reliability for Determining Parts of Speech 299
Appendix B: SLT Resources Referenced in This Text 302
Answers to Exercises 306
Annotated Bibliography 343
Index 345