

SCHEMATIC CHART

Units	Theme	Reading Strategy	Vocabulary Enzyme	Grammar Cell
1	Cell Biology Reading 1: Cell Biology: What Is Cell Theory? Reading 2: Different Types of Cells	Previewing	Prefixes	‘However’ & ‘Also’
2	Photosynthesis Reading 1: Photosynthesis Reading 2: Soil, Water and Light in Photosynthesis	Scanning	Naming Phenomena	Adjective Clauses 1
3	Inheritance and Heredity Reading 1: Mendelian Principles of Heredity Reading 2: Chromosomal Theory of Inheritance	Skimming	Word Puzzle	Adverb Clauses of Contrast
4	Stem Cells Reading 1: Stem Cells Reading 2: Stem Cell Discoveries	Speed-reading	Suffixes	Functions of Infinitives
5	Evolution Reading 1: The Evidence for Evolution Reading 2: Natural Selection	Identifying Facts & Beliefs	Concept Organizer	Active vs. Passive Voice
6	Biodiversity Reading 1: Biodiversity Reading 2: The Sixth Mass Extinction	Outlining	Word Analysis	Adjective Clauses 2, 3
7	Viruses Reading 1: Viruses Reading 2: Disease Viruses	Summarizing	Collocations	Reduced Adjective Clauses
8	Bacteria Reading 1: The World of Bacteria Reading 2: Understanding the Microbiome	Reading Without Knowing Every Word	Using Translation	Conjunctive Adverbs of Cause/Result; Noun Clauses
9	Metabolism Reading 1: Human Metabolism Reading 2: Metabolic Syndrome	Highlighting, Underlining, Numbering, & Circling	Synonyms & Antonyms	Double Comparatives
10	Cancer Biology Reading 1: Cancer Biology Reading 2: Etiology of Cancer	Marginal Notes	Compound Words	Complex Noun Phrases
11	Human Digestive System Reading 1: Human Digestive System Reading 2: What Can Go Wrong with the Digestive System	Paraphrasing	Inferencing	Adverb Clauses of Time
12	Symbiosis Reading 1: Symbiosis Reading 2: Mycorrhizae	The SQ3R System 1, 2	Vocabulary Note Cards	Adverb Clauses of Result

Introduction

English for the Students of Biology is designed as an English for Academic Purposes (EAP) textbook for undergraduate university students of biology, ranging from pre-intermediate to upper-intermediate levels of English proficiency. The book aims to help students consolidate general reading skills and strategies they have already acquired through general English courses and transfer these skills and strategies to their target academic tasks. Hence, a wide range of biological text types/genres have been included in the book to provide students with ample opportunities to learn and practice discipline-based reading skills. With the main focus on reading, the other language skills and components (i.e., vocabulary, grammar, discourse, and genre) are used as a springboard for fostering the reading skills and strategies.

The book consists of 12 units based on biological themes and topics of maximum authenticity and relevance to the students of biology. The centerpiece of each unit is two reading passages developing the same theme with all activities of each unit are geared towards this theme. To this end, there is an efficient integration of relevant content and language with a good distribution of common genres in the field of biology. The units are divided into various sections as introduced below:

Title Page: It is designed to give readers a general overview of the theme and content of the unit.

Readiness: It aims to engage students mentally to think about the topic of reading and relate it to their lives. A preliminary focus on important vocabulary items is also intended.

Reading Passages: Texts from a variety of authentic and credible sources are accompanied by glosses and technical notes.

Comprehension Check: These parts assess the readers' comprehension of the texts through a broad range of comprehension questions and tasks.

Reading Strategy: A reading strategy that is helpful in academic contexts is introduced in each unit. It matches with the nature of the relevant reading passage.

Vocabulary Enzyme: Different aspects of word knowledge are taken into account through both explicit instruction and task-based activities.

Grammar Cell: Grammar is mostly treated through a discovery approach. The grammar point in each unit is taken from the related reading passage.

Translation: This section is designed as a reading practice as well as a translation activity. It also offers focused activity on vocabulary, grammar, and some features of genres presented in the unit.

Self-assessment: To give the learners a sense of achievement, each unit ends up with a self-check part in which the main objectives of the unit are worded explicitly.