

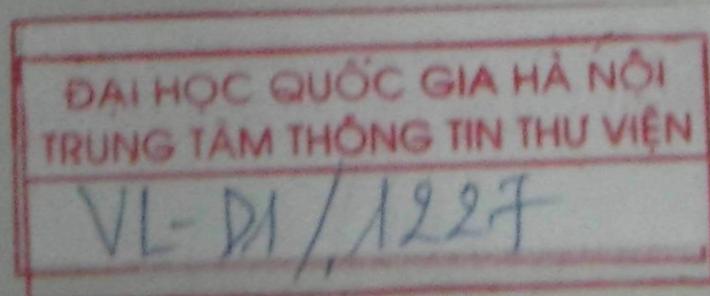
TRẦN THỊ NGA

# TIẾNG ANH CƠ BẢN

**CHO SINH VIÊN  
NGÀNH KHOA HỌC TỰ NHIÊN**

(Biên soạn theo chương trình khung của  
Bộ Giáo dục và Đào tạo ban hành năm 2003)

**ESSENTIAL ENGLISH  
FOR  
STUDENTS OF SCIENCE**



NHÀ XUẤT BẢN GIÁO DỤC

# Table of content

LỜI CẢM ƠN .....	3
ACKNOWLEDGEMENT .....	4
LỜI GIỚI THIỆU.....	5
TABLE OF CONTENT .....	8
CÁC KÍ HIỆU VIẾT TẮT.....	12
<b>Unit 1. Population Explosion .....</b>	<b>13</b>
Pre-reading .....	13
Reading .....	13
Discussion .....	17
Follow-up.....	17
Language focus .....	20
* Adjective (Relative) clauses nonrestrictive .....	20
* Cause-effect structure words .....	22
Further practice .....	23
Vocabulary and word study .....	27
<b>Unit 2. Computers in Our Modern Life.....</b>	<b>29</b>
Pre-reading .....	29
Reading .....	29
Discussion .....	34
Follow-up.....	34
Language focus .....	36
* Adjective (Relative) clauses restrictive .....	36
* Compound adjectives from Noun + Past participle (P <sub>2</sub> ) .....	38
Further practice .....	39
Vocabulary and word study .....	42

<b>Unit 3. Chemical Foundations</b> .....	47
Pre-reading .....	47
Reading .....	47
Discussion .....	51
Follow-up .....	51
Language focus .....	53
* Adverb clause of purpose .....	53
* Adverb clause of result .....	54
* Compound adjectives from Noun + Present participle .....	55
Further practice .....	55
Vocabulary and word study .....	58
<b>Unit 4. The Need for Cross-sectoral Coordination</b> .....	60
Pre-reading .....	60
Reading .....	60
Discussion .....	64
Follow-up .....	65
Language focus .....	67
* Relative clauses with relative adverbs <i>when, where, why</i> .....	67
Further practice .....	69
Vocabulary and word study .....	72
<b>Unit 5. The Air Above</b> .....	75
Pre-reading .....	75
Reading .....	75
Discussion .....	79
Follow-up .....	79
Language focus .....	81
* "Participial phrase" used to replace relative clauses .....	81
Further practice .....	84
Vocabulary and word study .....	88

<b>Unit 6. The Gas Cloud</b> .....	91
Pre-reading.....	91
Reading.....	91
Discussion.....	95
Follow-up.....	95
Language focus.....	97
* "Participial phrase" used to replace adverb clauses.....	97
* Compound adjectives from Adverb + Present participle.....	101
Further practice.....	102
Vocabulary and word study.....	105
 <b>Unit 7. The Nature and Origin of Life</b> .....	 110
Pre-reading.....	110
Reading.....	110
Discussion.....	115
Follow-up.....	115
Language focus.....	117
* Transition signals.....	117
Further practice.....	118
Vocabulary and word study.....	120
 <b>Unit 8. What All Students Need to Know</b> .....	 124
Pre-reading.....	124
Reading.....	124
Discussion.....	130
Follow-up.....	130
Language focus.....	133
* "It" as a formal subject.....	133
* "It" as a formal object.....	134
Further practice.....	134
Vocabulary and word study.....	138

<b>Unit 9. Thesis Writing and the Scientific Method</b> .....	141
Pre-reading .....	141
Reading .....	141
Discussion .....	146
Follow-up.....	146
Language focus .....	147
* Use of "should" .....	147
* Zero conditional .....	149
Further practice .....	149
Vocabulary and word study .....	153
<b>Pre-course Test</b> .....	157
<b>Post-course Test</b> .....	164
<b>Keys to the Pre-course Test</b> .....	171
<b>Keys to the Post-course Test</b> .....	173
<b>References</b> .....	175