PATTERN OF THINKING

Pattern of Thinking
English Coursebook
for PhD Candidates
(Non-English Major)

主　编　黄雄　副主编　余运华

思维模式

——非英语专业博士研究生英语教程

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INTRODUCTION

Pattern of Thinking, as an experimental exercise for both post-graduates and PhD candidates, is an advanced course book designed to make a transfer from receptive skill (reading and listening) through the discourse analysis to productive skill (writing and speaking) through the language experience from the thinking perspective on a higher level.

Pattern of Thinking tries to dig out, on the passage level, the different ways of thinking and different ways of discourse between Chinese and English, together with different language features, which promotes a new way of article-analysis in a trinity of ***perspective***, ***key word(s)*** and ***structure***, and is thus helpful in stepping into the high levels of writing achievement. It can be illustrated as following:

Paragraph ⟶		Passage
Perspective	Key Word(s)	Structure
What is the perspective?	What is the information?	What is the function?
How to write	**What** to write	**Why** to write

This course book is to

▲ Try to explore the solution to the problem of students who are confused of how to advance their English studies after good mastery of words & sentences and basic skills in language learning.

▲ Focus on the (practice of) pattern of thinking as an axis to link reading and writing and as a way out in a cross-culture dilemma.

▲ Target the productive skills in written English practice to enhance students' abilities in out-put view of writing.

This course book consists of eight units with guidance in each unit providing the information for the article reading and analysis.

Each unit is made up of three A-parts: ***Pre-Awareness***, ***While-Analysis*** and ***Post-Application***, which put, as a whole, more focuses on the thinking pattern on the general comprehensive level.

In ***Pre-Awareness***, a general survey of English knowledge in *Thinking*, *Discourse* and *Language* is conducted and *Culture*, *Values and Beliefs* which are inhabited in the thinking pattern are summarized. Information about the authors are also provided to the article as an attachment.

In ***While-Analysis***, articles — the interdisciplinary subjects of the most contemporary reading and different styles of writing — are analyzed in terms of documental reading and structural practice in *Article Analysis* to upgrade the students' ability both in reading and writing.

In ***Post-Application***, there are six items with a wide coverage of exercises. Among them:

The assignments are designed to obtain the awareness of the interaction between reading and writing with the exercise entitled *Pattern of Thinking* to make a transfer from the article analysis of *Perspective*, *Document* and *Structure* to the writing course of *Skill & Method*, *Means of Expression* and *Genre*.

Rational thinking is practiced in the form of *Comprehension Check* and *Documental Analysis* on the level of word usage, sentence structure, and construction of paragraph and passage.

Content-Checking drills are arranged in *Chart-Filling* and oral communications based on personal understanding are as well stressed in *Discussion* and *Debate*.

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Abstract, *summary*, *comment* and knowledge in the academic writing are attached both to provide the students with further practice in writing and to be taken as the reference for the professional papers.

A new way of teaching for teachers and studying for students with a pattern-of-thinking-oriented approach adds a new dimension of achievement and interpretation of the text based on philosophical hermeneutics, structuralism and genetic epistemology, and should both be professionally cultivated and be highly regarded in the class teaching and after-class practice.

Huang Xiong

Contents

INTRODUCTION 1

UNIT ONE What Will Be

Pre-Awareness 3

Brainstorming 3

Culture, Value and Belief 4

About the Author 5

While-Analysis 6

Steps 6

Illustration 7

Post-Application (Exercise) 19

Item One: Pattern of Thinking 19

Item Two: Comprehension Check 20

Item Three: Documental Analysis 20

Item Four: Chart-Fillings 24

Item Five: Discussion and Debate 24

Item Six: Writing 25

UNIT TWO The Brain Power

Pre-Awareness 33

Brainstorming 33

Culture, Value and Belief 36

About the Author 36
While-Analysis 37
Steps 37
Illustration 38
Post-Application (Exercise) 51
Item One: Pattern of Thinking 51
Item Two: Comprehension Check 52
Item Three: Documental Analysis 52
Item Four: Chart-Fillings 55
Item Five: Discussion and Debate 56
Item Six: Writing 57

UNIT THREE Adam Smith: Right and Wrong

Pre-Awareness 63
Brainstorming 63
Culture, Value and Belief 67
About the Author 69
While-Analysis 70
Steps 70
Illustration 71
Post-Application (Exercise) 86
Item One: Pattern of Thinking 86
Item Two: Comprehension Check 87
Item Three: Documental Analysis 87
Item Four: Chart-Fillings 89
Item Five: Discussion and Debate 90
Item Six: Writing 91

UNIT FOUR Will We Follow the Sheep?

Pre-Awareness 99

Brainstorming 99

Culture, Value and Belief 100

About the Author 101

While-Analysis 102

Steps 102

Illustration 103

Post-Application (Exercise) 117

Item One: Pattern of Thinking 117

Item Two: Comprehension Check 118

Item Three: Documental Analysis 118

Item Four: Chart-Fillings 120

Item Five: Discussion and Debate 121

Item Six: Writing 122

UNIT FIVE Glass Partition

Pre-Awareness 129

Brainstorming 129

Culture, Value and Belief 130

About the Authors 131

While-Analysis 132

Steps 132

Illustration 133

Post-Application (Exercise) 147

Item One: Pattern of Thinking 147

Item Two: Comprehension Check 148

Item Three: Documental Analysis 148

Item Four: Chart-Fillings 152

Item Five: Discussion and Debate 153

Item Six: Writing 153

UNIT SIX Now It's SQ

Pre-Awareness 163

Brainstorming 163

Culture, Value and Belief 164

While-Analysis 165

Steps 165

Illustration 166

Post-Application (Exercise) 182

Item One: Pattern of Thinking 182

Item Two: Comprehension Check 184

Item Three: Documental Analysis 184

Item Four: Chart-Fillings 188

Item Five: Discussion and Debate 191

Item Six: Writing 191

UNIT SEVEN Einstein's Revolution Enters Second Century

Pre-Awareness 199

Brainstorming 199

Culture, Value and Belief 200

About the Author 201

While-Analysis 202

Steps 202

Illustration 203

Post-Application (Exercise) 219

Item One: Pattern of Thinking 219

Item Two: Comprehension Check 220

Item Three: Documental Analysis 221

Item Four: Chart-Fillings 224
Item Five: Discussion and Debate 225
Item Six: Writing 226

UNIT EIGHT New Myths for the New Millennium

Pre-Awareness 235
Brainstorming 235
Culture, Value and Belief 236
About the Authors 237
While-Analysis 238
Steps 238
Illustration 239
Post-Application (Exercise) 258
Item One: Pattern of Thinking 258
Item Two: Comprehension Check 260
Item Three: Documental Analysis 260
Item Four: Chart-Fillings 263
Item Five: Discussion and Debate 265
Item Six: Writing 266

Acknowledgements 271
Bibliography 272

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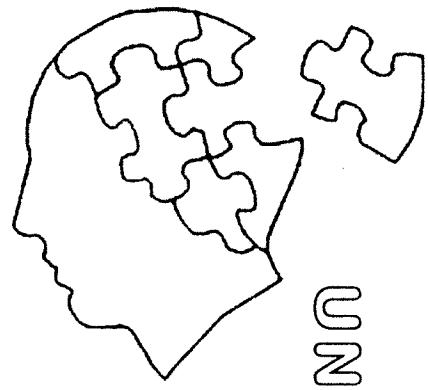


UNIT ONE

What Will Be

Guidance:

In the future world of information, how will the computer function and how can the human beings survive in the Third Revolution?

Pre-Awareness

Brainstorming

Situation:

☞ *A Chinese professor paid his first visit to a Canadian home in a cold winter day.*

Chinese: *How cold it is!*

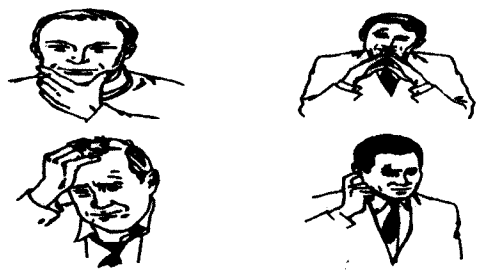
Canadian: ?? ...

People can enjoy themselves in the skating and skiing during the long winter with low temperature.

Questions:

Is it a successful communication? If not, what is the problem?

Nonverbal Communication



What are the meanings conveyed by the pictures?

Pattern of Thinking

Chinese	English
◆ *intuitive*	◆ ***straightforward/direct***
◆ *organic & impressionistic*	◆ ***rational***
◆ *complex/circuitous*	◆ ***linear***
◆ *cyclical*	◆ ***cause /effect***

Culture, Value and Belief

Traditional American Values

☼ **Individual Freedom** (individualism or freedom)

➡ *against political (government), religious (church), social (hereditary aristocracy) control from outside*

☼ **Self-Reliance** (independence)

➡ *take care of oneself, solve one's own problem, and "stand on one's own feet"*

☼ **Equality of Opportunity**

➡ *life as a race for success and a concept of "fair play"*

"We...wish to allow the humblest man an equal chance to get rich with everybody else. When one starts poor, as most do in the race of life, free society is such that he knows he can better his condition; he knows that there is no fixed condition of labor for his whole life." (Abraham Lincoln)

☼ **Competition**

➡ *the concept of "winner" and "loser" from childhood until retirement from work*

★ old people are less honored and respected

☼ **Material Wealth**

➡ *measure of social status and success and the phrase "going from rags to*

riches"—slogan for the great American Dream

★ materialism—offensive ★ materialistic—insult

☼ **Hard Work**

➡ *from natural resources to material possession*

Adapted from ***The American Ways***

About the Author

Michael L. Dertouzos *(1937-2001)* is a MIT (Massachusetts Institute of Technology) professor and an IT pioneer who made technology accessible. Dertouzos joined the MIT faculty in 1964 and became director of the MIT Laboratory for Computer Science (LCS) in 1974. Under his leadership, LCS became one of the largest research labs at MIT and dedicated itself to the invention, development and understanding of information technologies, always within the context of their human utility. True to the MIT spirit of innovation and entrepreneurship, Dertouzos holds patents on a graphical display system, an incremental photoelectric encoder, a graphic tablet, and on a parallel thermal printer.

While-Analysis

Steps

- Skim the article first and catch the general idea.
- Then suggest the possible title or topic.
- Correspond your title or topic with your possible structure.
- Check your title or topic and your possible structure (*if*).
- Compare yours with the original one.
- Read the article again, analyze the point of view and documents (key words) of each paragraph.

As Following:

Read: *Article→General Idea*

Suggest: *Title or Topic→Creation*

HOW ⬇

Check: *Structure* (*Organization of the Article*)

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