

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*.

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

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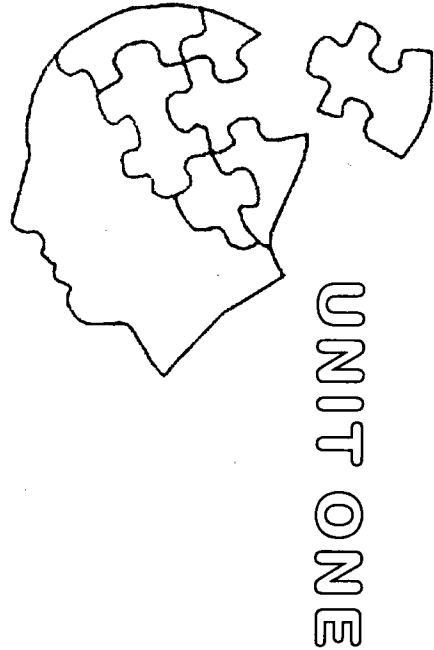
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What Will Be

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!*

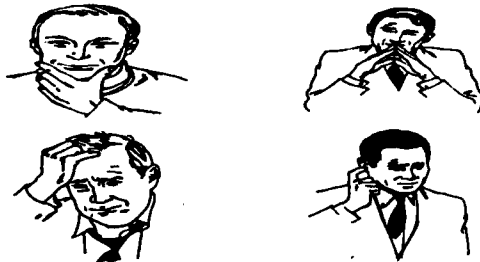
Canadian: ?? ...

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	◆ <i>straightforward / direct</i>
◆ organic & impressionistic	◆ <i>rational</i>
◆ complex / circuitous	◆ <i>linear</i>
◆ cyclical	◆ <i>cause / effect</i>

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)*