



普通高等教育“十二五”重点规划教材

Nucleus 新核心大学英语

总主编 蔡基刚

➔ 按大纲要求清晰分类

➔ 重点训练四六级词汇

➔ 首创推介学术词汇

词汇手册



Reading and Writing Course

读写教程

Extensive Reading Course

泛读教程

Listening and Speaking Course

听说教程



上海交通大学出版社
SHANGHAI JIAO TONG UNIVERSITY PRESS

新核心大学英语 词汇手册 1

总 主 编 蔡基刚

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词汇手册 1

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编写说明

《新核心大学英语词汇手册》单独出书有两个目的：一是把《读写教程》、《泛读教程》和《听说教程》的生词以单元为单位进行汇总，便于学生能够系统地学习和查找某一个主题里经常出现的词汇；二是通过各种词汇练习形式，让学生充分操练和掌握各单元出现的词汇，不仅是《读写教程》里的词汇，而且包括《泛读教程》和《听说教程》里的词汇，以便大幅度提高学生的词汇量。

《新核心大学英语词汇手册1》分八个单元。每单元由四部分构成：第一、读写教程词汇；第二、听说教程词汇；第三、泛读教程词汇；第四、词汇综合练习。第一部分读写教程词汇是学生必须掌握的重点部分，因此给出了单词读音、词性和简短的中英文解释等较为详细的释义项目。第二部分听说教程词汇和第三部分泛读教程词汇的注释相对简练，仅仅给出单词读音、词性和对应的汉语解释，学生通过练习做到能够辨认即可。三个部分的所有词汇都进行了分类标注。其中，一般要求词汇不加任何标记；积极词汇标记为◎；较高要求词汇标记为★；更高要求词汇标记为▲；超纲词汇标记为◆；学术词汇标记为粗体（学术词汇族AWL (Academic Word List) 共570个，是各学科学术文章中最常使用的词汇，也是托福、雅思和GRE等考试中的核心词汇）。

第四部分有五种练习形式，分别是：选词填空（30题）、选词配义（30题）、短语翻译（20题）、同义词匹配（10题）、辨别不同类词（10题）。出题的原则是侧重读写教程词汇。选词填空部分主要针对

对读写教程词汇；答案词和干扰项之一均来自读写词汇表。选词配义部分的下划线词从每单元词表中来，读写教程词汇表和听说、泛读词汇表的出题比例是20:10。短语翻译部分考查学生汉译英的能力，其中读写教程词汇表和听说、泛读词汇表词出题比例是15:5；同义词匹配以列表方式给出，其中左栏词从每单元词表来，读写教程词汇表和听说、泛读词汇表的出题比例是5:5。辨别不同类词部分的核心意义词从每单元词表来，读写教程词汇表和听说、泛读词汇表出题比例是5:5。本书附有练习答案，供师生参考使用。

本书在词汇列表和词汇综合训练的设计上，考虑到学生不同层次的需求及对题目趣味性的要求；注重发挥学生思维的关联性和发散性，让学生在选择、辨析和翻译的过程中对词汇温故知新。同时词汇手册突出一个“简”字。词汇介绍力求简短准确，题干设计尽量选择最常用的句子。“简”并非是简化或草率，目标是惜时和有效。删繁就简，希冀此书成为学生随身携带的实用性词汇手册。

编 者

2011年4月

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Unit 1

Freshman Convocation

读写教程词汇

Main Reading: The Urgency of Doing (I)

- absolutely /'æbsəlu:tli/ *adv.* completely and in every way 绝对地；完全地
- amazingly /ə'meɪzɪŋli/ *adv.* very surprisingly; so surprisingly that one can hardly believe it 令人惊异地；惊人地，了不起地
- ◎ ambitious /æm'bɪʃəs/ *adj.* having a strong desire for success or achievement 雄心勃勃的；有野心的 有志气的
- ◆ anatomist /ə'nætəməst/ *n.* a scientist who studies anatomy 解剖学者
- artistic /ɑ:'trɪstɪk/ *adj.* relating to art 艺术（家）的
- ◎ aspiration /,æspə'reɪʃn/ *n.* [=ambition] a strong desire to have or achieve something 热望，渴望；抱负
- ▲ awe /ɔ:/ *n.* an overwhelming feeling of reverence, admiration, and fear for someone or something 敬畏；畏惧
- ◆ boundless /'baʊndləs/ *adj.* having no limit or end 无限的，无穷的
- campus /'kæmpəs/ *n.* the land and buildings of a school, especially a university or college 大学校园
- ★ canvas /'kænvəs/ *n.* 1. the piece of cloth on which an oil painting is done 油画布 2. a painting done with oil paints (一幅)油画
- ◆ celebrated /'seɪlbreretɪd/ *adj.* famous 有名的，大名鼎鼎的
- ★ collaborate /kə'læbəreɪt/ *v.* to work together in order to achieve

completely /kəm'pli:tli/ *adv.*

creatively /kri'eɪtɪvli/ *adv.*

◎ curiosity /kjuəri'ɒsɪti/ *n.*

★ decidedly /dɪ'sɪdɪdli/ *adv.*

◎ **define** /dɪ'faɪn/ *v.*

discipline /'dɪsɪplɪn/ *n.*

◎ disregard /dɪsɪ'gɑ:d/ *n.*

distinctive /dɪ'stɪŋktɪv/ *adj.*

◆ **dynamics** /daɪ'næmɪks/ *n.*

embarrassingly /ɪm'bærəsɪŋli/ *adv.*

★ embodiment /ɪm'bɒdɪmənt/ *n.*

◎ embrace /ɪm'breɪs/ *v.*

◎ **encounter** /ɪn'kaʊntə(r)/ *v.*

something, especially in science or art 合作, 共同研究

[=totally] to the greatest degree possible 完全地

being capable of producing new and original ideas and things, being imaginative and inventive 富有创造力地, 创新地

the desire to know about something 好奇心
without question and beyond doubt 确实无疑地

to state the precise meaning of something;
to describe the nature or basic quality of something 为……下定义; 界定

an area of knowledge or teaching 学科

the attitude of somebody who does not respect something or consider it important
不理, 不顾; 蔑视, 轻视

having a special quality, character, or appearance that is different and easy to recognize 独特的; 有区别的

the science relating to the movement of objects and the forces involved in movement 力学; 动力学

making one feel ashamed, nervous, or uncomfortable 令人困窘地

someone or something that represents or is the epitome of an idea or quality 具体化, 体现; 化身

to encircle; surround; enclose; to accept and include something 包含; 包围, 环绕

1. to experience something, especially problems or opposition 遇到, 遭遇问题、困难等
2. to come upon or meet

fluid /'flu:ɪd/ *n.*

casually or unexpectedly 偶遇; 遭遇

a substance such as a liquid, gas, that is capable of flowing 流体, 液体

formation /fɔ:'meɪʃn/ *n.*

1. rock or cloud that is formed in a particular shape; or the shape in which it is formed 岩层 2. something that is formed into a particular shape; the shape in which it is formed 构造; 形态; 构造物

geographic /dʒiə'græfɪk/ *adj.*

1. concerning the topography of a specific region 地形的, 地势的 2. relating to geography 地理的, 地理学的

★ geology /dʒi'blədʒi/ *n.*

the study of the rocks and soil that make up the Earth and the way they have changed since the Earth was formed 地质学

ghost /gəʊst/ *n.*

the spirit of a dead person visible to men 幽灵; 灵魂

giant /dʒaɪənt/ *n.*

1. someone who is very good at doing something 巨匠 2. more than average size, quantity, etc. 巨人

◆ grassy /'grɑ:si/ *adj.*

covered with grass 草深的, 草多的

humankind /hju:mən'kaɪnd/ *n.*

[=mankind] people in general 人类, 人

◎ ideal /aɪ'di:əl/ *n.*

a principle about what is morally right or a perfect standard that one hopes to achieve 理想

◎ imagination /ɪ,mædʒɪ'neɪʃn/ *n.*

the ability to form pictures or ideas in one's mind 想象, 想象力

incomplete /ɪn'kəm'pli:t/ *adj.*

not having everything that should be there, or not completely finished 不完全的

incredible /ɪn'kredɪbl/ *adj.*

[=unbelievable] extremely good, large, or great 不可思议的; 令人难以置信的

◎ individual /ɪndɪ'vɪdʒuəl/ *n.*

a person, considered separately from the rest of the group or society in which he/she lives 个人, 个体

- ◎ inherit /ɪn'herɪt/ *v.*
to receive property or traits from one's (departed) parents 继承; 遗传
- ◎ inquiry /ɪn'kwɪəri/ *n.*
the act or process of asking questions in order to get information 询问; 调查
- ★ intellect /'ɪntələkt/ *n.*
the ability to understand things and to think intelligently 才智, 智力
- intellectual /ɪntə'lektʃuəl/ *adj.*
relating to the ability to understand things and think intelligently 智力的, 有很高智力的
- ◎ intense /ɪn'tens/ *adj.*
feel very strongly or having a very strong effect 强烈的
- ◆ interconnect /,ɪntəkə'nekt/ *v.*
to connect two things to or with each other, or to be connected to or with each other (使) 互相联系
- intimidating /ɪn'tɪmɪdeɪɪŋ/ *adj.*
causing a feeling of inferiority, fear or awe 令人生畏的
- ★ intuitive /ɪn'tju:ɪtv/ *adj.*
showing or having the power to understand something through feelings or instinct rather than knowledge or facts 直觉的
- irrelevant /ɪ'reləvənt/ *adj.*
not useful or not relating to a particular situation, and therefore not important (与……) 无关系的; 不相干的
- ◆ lifelike /'laɪf,laɪk/ *adj.*
being or looking exactly like a real person or thing 栩栩如生的
- ▲ linguistics /lɪŋ'gwɪstɪks/ *n.*
the study of language 语言学
- magnificently /mæɡ'nɪfɪsəntli/ *adv.*
being very good or beautiful, and very impressive; being splendid in appearance 庄严地, 堂皇地; 华丽地
- ◆ marvelous /'mɑ:vələs/ *adj.*
[=wonderful] extremely good, enjoyable, impressive, etc. 奇异的, 妙极了
- ★ merge /mɜ:dʒ/ *v.*
to combine, or to join things together 使结合, 融合
- ◎★ motion /'məʊn/ *n.*
the way that something moves 运动, 移动

- ◆ multidisciplinary *adj.*
/ˌmʌlti'dɪsɪplɪnəri/
muscle /ˈmʌsl/ *n.*
involving different areas of study and their methods 跨学科的
a band or bundle of fibrous tissues inside a body that enables a person or animal to move and connects bones together 肌肉
- ◆ nanoscale /ˈnænoʊskeɪl/ *n.*
relating to or occurring on a scale of nanometers 纳米级的
- ◆ neuroscience /ˈnjuərəneɪsɪəns/ *n.*
a branch of science that deals with the nervous system 神经科学
- ★ obscure /əb'skjʊə(r)/ *adj.*
not clear to understanding; unknown to most people 含糊不清的; 鲜为人知的
- ◎ observation /ˌɒbzə'veɪʃn/ *n.*
watching something or somebody carefully for a period of time 观察, 注意
- ◎ **occupied** /ˈɒkjʊpaɪd/ *adj.*
(a place, space) being in use, controlled 被占据的
1. preceding all others in time; first 最初的
2. completely new and different from anything that anyone has thought of before 独创的
- ◆ painstakingly /ˈpeɪns,tetkɪŋli/ *adv.*
very carefully and thoroughly 煞费苦心
地, 精心地
- particularly /pə'tɪkjələli/ *adv.*
[=especially] more than usual or more than others 特别, 尤其, 格外
- ◎ **perceive** /pə'si:v/ *v.*
to notice, see, or recognize something 领会, 领悟, 了解; 抓住(意义、真相等)
- ◎★ **persistent** /pə'sɪstənt/ *adj.*
continuing to exist or happen, especially for a period longer than is usual or desirable 坚持的; 固执的
- ◎ **perspective** /pə'spektɪv/ *n.*
a viewpoint or way of thinking about something, influenced by experience and personality 洞察力, 视角
- philosophy** /frɪ'lɒsəfi/ *n.*
the study of the nature and meaning of

- ◎ **property** /'prɒpəti/ *n.*
existence, truth, good and evil, etc. 哲学
quality or characteristic trait 性质,
属性
- ◎ **pursue** /pə'sju:/ *v.*
to continue doing an activity or trying to
achieve something over a long period of
time 追求
- ◎ **remarkable** /rɪ'mɑ:kəbl/ *adj.*
extremely good, large, or great; unusual or
surprising and therefore deserving attention or
praise 显著的; 异常出众的
- ★ **renaissance** /rɪ'neɪsəns/ *n.*
the period of time in Europe between 14th
and 16th centuries, when there was a great
revival of interest in art, literature, science
and learning 文艺复兴时期
- ◎ **render** /rɛndə(r)/ *v.*
to express or present something in a
particular way 表现, 描写 (个性等)
- representation** /,reprɪzen'teɪʃn/ *n.*
a painting, sign, description, etc. that
shows something 表示, 表现
- ★ **sculptor** /'skʌlptə(r)/ *n.*
someone who makes sculptures 雕刻家;
雕塑家
- ▲ **sediment** /'sedɪmənt/ *n.*
solid substances that settle at the bottom of
a liquid [地质学; 地理学] 沉积物
- ★ **skull** /skʌl/ *n.*
the bones of a person's or animal's head 颅
骨, 头骨
- speculate** /'spekjuleɪt/ *v.*
to guess about the possible causes or
effects of something, without knowing all
the facts or details 设想, 推测
- ◆ **stratified** /'strætɪfaɪd/ *adj.*
having several layers 分层的
- ◎ **structure** /'strʌktʃə(r)/ *n.*
the way in which different parts of
something are connected with each other
and form a whole; the thing that these parts
make up 结构, 构造
- symbolic** /sɪm'bɒlɪk/ *adj.*
using or involving symbols; representing a
particular idea or quality 象征的; 具有象

- thrillingly /'θrɪlɪŋli/ *adv.* 征意义的
extremely interesting and exciting 激动人心地，扣人心弦地
- ◆ tectonics /tek'tɒnɪks/ *n.* the study of the Earth's structural features 构造地质学
- ★ tumbling /'tʌmblɪŋ/ *adj.* falling down quickly and suddenly, especially with a rolling movement 打滚的，翻滚的
- uncontrollably /ʌnken'trəʊəblɪ/ *adv.* in an uncontrolled manner 控制不住地
- unimaginable /ʌnɪ'mædʒɪnəbl/ *adj.* not possible to imagine 不能想象的；想不到的；无法理解的
- unusually /ʌn'ju:ʒuəli/ *adv.* in an unusual way 不寻常地
- ★ urgency /'ɜ:dʒənsi/ *n.* the need to deal with something quickly
- wonderfully /'wʌndəfəli/ *adv.* very well or to a very great degree, in a way that makes one feel happy 精彩地

词组

- a band of a group of people formed because of a common belief or purpose 一帮
- a host of a large number of 许多
- be crazy about like someone very much, or very interested in something 对……疯狂，着迷于
- dress up to make something more interesting or attractive 打扮；装饰
- in addition to as well as, additionally, besides 另外；除……之外
- in advance 1. ahead of time 预先，提前 2. before something happens or is expected to happen 在……之前
- in turn 1. afterwards, as a result of something 后来；2. in the proper order or sequence 轮流，交替

leave ... behind

cause (signs of one's actions or an event, etc.)

point of view

to remain 留下 (行为、事件等) 的痕迹

1. a particular way of thinking about something; perspective 观点 2. someone's personal opinion or attitude about something (某人的) 态度, 看法

Related Reading: The Urgency of Doing (II)

accomplishment *n.*

/ə'kʌmplɪʃmənt/

[=achievement] something successful or impressive that is achieved after a lot of effort and hard work 成就, 成绩

adjustable /ə'dʒʌstəbl/ *adj.*

something that can be changed or moved slightly to make it suitable for different purposes 可校准的, 可调整的

admiration /ədme'reɪʃn/ *n.*

a feeling of great respect and liking for something or somebody 钦佩, 佩服

◆ aeronautics /əə're'nɔ:tɪks/ *n.*

the science of designing and flying planes 航空学

★ array /ə'reɪ/ *n.*

a group of people or things, especially one that is large or impressive 整列, 队列

assignment /ə'saɪnmənt/ *n.*

a piece of work assigned to someone as part of his/her studies or job (课外) 作业

★ cannon /'kænən/ *n.*

early artillery; a large, heavy, powerful weapon used to fire heavy metal balls 大炮; 加农炮

career /kə'riə(r)/ *n.*

a job or series of jobs where one builds a reputation and has a record of accomplishments 职业生涯; 经历

★ collaboration /kə'læbə'reɪʃn/ *n.*

the act of collaborating, working together 合作, 协作

★ collaborator /kə'læbə'reɪtə(r)/ *n.*

someone who works with other people or groups in order to achieve something, especially in science or art 合作者, 共同研究者

◎ **community** /kə'mju:nɪti/ *n.*

countless /'kauntləs/ *adj.*

cutting-edge /'kʌtɪŋ,edʒ/ *adj.*

demonstration /demən'streɪʃn/ *n.*

devise /dɪ'vaɪz/ *v.*

echo /'ekəʊ/ *v.*

◎ **engage** /ɪn'geɪdʒ/ *v.*

engagement /ɪn'geɪdʒmənt/ *n.*

★ **facet** /'fæst/ *n.*

fascination /'fæsnɪ'eɪʃn/ *n.*

fascinating /'fæsnɪ'eɪtɪŋ/ *adj.*

formula /'fɔ:mjələ/ *n.*

▲ **fortified** /'fɔ:tɪfaɪd/ *adj.*

◆ **freshman** /'frefsmən/ *n.*

hands-on /'hændz,ɒn/ *adj.*

a group of people who live in the same area 社会, 集体

too many to be counted 无数的, 数不尽的

the newest and most exciting stage in the development of something 前沿, 尖端

the act of explaining and showing how to do something or how something works 示范; 实物说明

to plan or invent a new way of doing something 策划, 设计; 发明

to repeat an idea or opinion with which one agrees 附和

to be doing or to become involved in an activity 使从事, 使忙于

the state of being involved with someone or something 与……的密切关系

[=aspect] one of several parts of someone's character, a situation, etc. (事物的) 一个方面

the state of being very interested in something; something that draws one's attention 迷恋; 强烈爱好

extremely interesting 有极大吸引力的, 迷人的

a method or set of principles that one uses to solve a problem or to make sure that something is successful 公式, 程式; 定则

being made stronger 加固的

a student in the first year of high school or university (高中或大学的) 一年级新生

doing something oneself rather than just

▲ incubator /'ɪŋkjʊbeɪtə(r)/ *n.*

talking about it or telling other people to do it 亲自参加的

1. a heated container for keeping eggs warm until they hatch 孵卵器; 2. a piece of hospital equipment into which very small or weak babies are put to keep them alive and warm 早产婴儿保育箱

◎ inevitable /ɪn'evɪtəbl/ *adj.*

certain to happen and impossible to avoid 不可避免的, 不可逃避的; 必然的

▲ ingenuity /'ɪndʒə'nju:əti/ *n.*

skill and cleverness at inventing things and thinking of new ideas 心灵手巧, 足智多谋

◎ initiative /ɪ'nɪʃətɪv/ *n.*

an important new plan or process to achieve a particular aim or to solve a particular problem 创新 (计划)

inspiring /ɪn'spaɪərɪŋ/ *adj.*

giving people a feeling of excitement and a desire to do something great 激励的; 鼓舞人心的

◆ internship /'ɪntɜ:nʃɪp/ *n.*

a job that lasts for a short time with little or no pay, that someone, especially a student, does in order to gain experience or training 实习生的职务; 实习期

★ invariably /ɪn'veəriəblɪ/ *adv.*

in a way that cannot or does not vary or change; always 不变地; 永恒地; 常常

mechanical engineering

the study of the design and production of machines and tools 机械工程

mill /mɪl/ *n.*

a building containing a large machine for grinding grain into flour 磨坊, 面粉厂

★ mint /mɪnt/ *v.*

to make a coin 铸造 (硬币)

mission /'mɪʃn/ *n.*

the purpose or the most important aim of an organization 使命, 任务

★ optimism /'ɒptɪmɪzəm/ *n.*

a tendency to believe that good things will always happen 乐观, 乐观主义