



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

# 2

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 2

总 主 编 蔡基刚

本册主编 廖雷朝



上海交通大学出版社  
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## 新核心大学英语

### 词汇手册 2

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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2》分八个单元。每单元由四个大的部分构成：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）、词语搭配（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15:15。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10:10。词语搭配练习旨在促进学生关注词性及搭配，此部分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，让学生在选词、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5月

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# Unit 1

## Space Exploration

### 读写教程词汇

#### Main Reading: One Small Step back to Where We Started

- badge /bædʒ/ *n.* a design on cloth or something made of metal, used to show a person's occupation, rank, membership of a society, etc. 徽章
- ◎ boost /bu:st/ *n.* an increase in something 促进, 增长
- ◎ cease /si:s/ *v.* to stop happening or existing 停止, 终止
- ◎ cite /saɪ/ *v.* to mention something as a reason or an example, or in order to support what one is saying 提及原因, 举出例证
- ◎ claim /kleɪm/ *v.* to gain, win or achieve something 得到, 获得, 赢得
- clue /klu:/ *n.* a fact or piece of evidence that helps solve a problem or reveal a truth in an investigation 线索
- complaint /kəm'pleɪnt/ *n.* an expression of pain, dissatisfaction, or resentment 抱怨
- ◎ count /kaʊnt/ *v.* to be of value or importance 起作用, 有价值, 有重要性
- ▲ cram /kræm/ *v.* to push or force too many people or things into something 挤满, 塞满
- ◎ curiosity /ˌkjʊəri'ɒsəti/ *n.* inquisitiveness, a quality of being eager to know or learn something 好奇心
- dampen /'dæmpən/ *v.* to make something such as a feeling or a reaction less strong 抑制, 减弱



◆ **environmentalist** *n.*

/ɪnˌvaɪrən'mentəlɪst/

◆ **ET** *n.*

a person who is concerned about the natural environment 环保主义者

[ =extraterrestrial ] the living creature that exists or may exist in another part of the universe 外星人

◎ **essence** /'esns/ *n.*

the most important quality or feature of something that makes it what it is 本质, 实质, 精髓

exploration /ˌeksplə'reɪʃn/ *n.*

the act of travelling through a place in order to learn about it or look for something in it 探索

▲ **footage** /'fʊtɪdʒ/ *n.*

part of a film showing a particular event 影片或电视节目的片段

★ **fragility** /frə'dʒɪlɪti/ *n.*

quality of being easily damaged or broken 脆弱性

◎ **humble** /'hʌmbəl/ *adj.*

having a low rank or social position, or showing deep respect or modesty to someone or something 谦卑的, 感到自己卑微的

▲ **inaugural** /ɪ'no:ɡjəərəl/ *adj.*

first, and marking the beginning of something important 成立的, 创始的, 开幕的

landscape /'lændskeɪp/ *n.*

everything that one can see when one looks across a large area of land, especially in the countryside 风景

lasting /'lɑ:stɪŋ/ *adj.*

continuing to exist or to have an effect for a long time 持久的

◆ **letdown** /'let'daʊn/ *n.*

something that is disappointing 令人失望的事

★ **Lunar** /'lu:nə(r)/ *adj.*

relating to the moon, or of the moon 月亮的, 与月球有关的

★ **mall** /mɔ:l/ *n.*

a very large enclosed shopping area 购物中心

- ▲ **marvel** /'mɑ:vl/ *v.*  
to be very surprised or impressed by something 对……感到惊诧, 对……叹为观止
- ◆ **nascent** /'næsn̩t/ *adj.*  
beginning to exist; not yet fully developed 新兴的, 萌芽的
- ▲ **newscaster** /'nju:zkɑ:stə(r)/ *n.*  
a person who reads the news on TV, radio, etc. 新闻播音员
- opening** /'əʊpənɪŋ/ *adj.*  
beginning, starting or first 开始的, 起始的
- orbit** /'ɔ:bit/ *v.*  
to move around something along a path 沿着轨道运行
- perception** /pə'sepʃn/ *n.*  
an idea, a belief or an image one has as a result of how one sees or understands something 理解, 理解力
- ◎ **perspective** /pə'spektɪv/ *n.*  
a particular attitude towards something 思考方法, 观点, 态度
- plough** /plau/ *v.*  
to invest a large amount of money in a company or project 投资
- ◆ **protestation** /,prə'testɪʃn/ *n.*  
a strong statement that something is true, especially when other people do not believe it 郑重的声明
- ◎ **put** /pʊt/ *v.*  
to express or state something in a particular way, usually used in political or military news 以某种特殊的方式说, 通常用于政治、军事的新闻报道
- ◆ **reminiscent** /,remɪ'nɪsn̩t/ *adj.*  
reminding one of somebody or something in the past 让人联想起……的
- ◎ **resent** /rɪ'zent/ *v.*  
to feel angry or bitter about someone or something 愤恨
- restless** /'restləs/ *adj.*  
unable to rest or relax as a result of anxiety or boredom 坐立不安的
- ◎ **reveal** /rɪ'vi:l/ *v.*  
to make facts, truth, etc. known to others 显示出, 流露出, 泄露(消息)

▲ reverence /'revərəns/ *n.*sheer /ʃiə(r)/ *adj.*◎ shift /ʃɪft/ *n.*sphere /sfɪə(r)/ *n.*splash /splæʃ/ *v.*timeless /'taɪmləs/ *adj.*◆ vibrant /'vaɪbrənt/ *adj.*voice /vɔɪs/ *v.*▲ yearn /jɜ:n/ *v.*

a feeling of deep respect 敬重, 景仰

complete and not mixed with anything else  
完完全全的, 纯粹的a change in position or direction 转换,  
转变an object that is perfectly round in shape  
星球, 球体(the missile or spacecraft) to fall noisily  
onto the surface of ocean 导弹或宇宙飞船  
在海中降落

existing or continuing forever 永恒的

full of life and energy 充满生机的

to tell people one's feelings or opinions  
about something 说出(自己的感情或  
观点)to want something very much, especially  
when it is very difficult to get 渴望; 渴求

## 词组

(feel) left out

(feel that one is) being ignored or forgotten  
or not allowed to take part in something  
(感觉)被排除在外; 被忽略、遗忘

bear the lessons of

to draw lessons from something 吸取  
教训

compensate with

being given something good to balance  
or reduce the bad effects of something  
用……来补偿

earn somebody something

enable somebody to obtain or own some-  
thing (especially money or reputation) 让  
某人挣得了金钱或好名声等

give a big boost

make something increase quickly 使大大  
增加, 推动

marvel at	to be very surprised or impressed by something 对……感到惊诧
reach out	to extend one's arms or hand to welcome or touch something or somebody 伸出(手、双臂等)来表示欢迎或者触摸某物体
sign off	to end a broadcast by saying goodbye or playing a piece of music (以说再见或播放音乐的形式)结束广播
sum up	to state the main points of something in a short and clear form 总结
wipe away	to remove something from a surface by hand, cloth, etc. 擦去(眼泪、汗水等)

## Related Reading: Setting Sail into Space, Propelled by Sunshine

★ anonymous /ə'nonɪməs/ *adj.*

of a person with a name that is not known or that is not made public 匿名的

antigravity /'æntɪ'grævəti/ *n.*

a counterbalancing force opposing the force that attracts objects towards the center of the Earth or other stars, planets, etc. 反引力, 反重力

◎ balance /'bæləns/ *v.*

to be equal in value, amount, etc. to something else that has the opposite effect 平衡

ball /bɔ:l/ *v.*

to form something into a ball by winding or squeezing, etc. 以缠绕、挤压的方法使某物成为一团

◎ barely /'beəli/ *adv.*

only; just; scarcely 刚刚好

blast /bla:st/ *n.*

a sudden strong movement of air 强烈的气流

capture /'kæptʃə(r)/ *v.*

succeed in representing or recording something or somebody in a picture 抓拍画面

co-founder /kəʊ'faʊndə(r)/ *n.*

one of the persons who starts an organization, institution, etc. together with others  
共同创立者、共同缔造者

★ comet /'kɒmɪt/ *n.*

a mass of ice and dust that moves around the sun and look like a bright star with a tail 彗星

▲ cosmic /'kɒzmɪk/ *adj.*

connected with the whole universe 宇宙的  
the universe, especially when it is thought of as an ordered system (尤指被视为有序体系时的) 宇宙

◆ cosmos /'kɒzmɒs/ *n.*

◎ demonstrate /'demənstreɪt/ *v.*

to show and explain how something works or how to do something 示范, 演示

donor /'dəʊnə(r)/ *n.*

a person or an organization that makes a gift of money, clothes, food, etc. to a charity, etc. 捐赠者

★ dub /dʌb/ *v.*

to give somebody or something a particular name, often in a humorous or critical way  
用戏谑的方式给……一个称呼

◆ encode /ɪn'kəʊd/ *v.*

to change information into a form that can be processed by a computer 编码

◎ embrace /ɪm'breɪs/ *v.*

to accept an idea, a proposal, a set of beliefs, etc., especially when it is done with readiness or eagerness 热情地支持某个想法、建议或信仰

◆ enthusiast /ɪn'tʃu:ziæst/ *n.*

a person who is very interested in something and spends a lot of time doing it  
爱好者, 发烧友

◎ exposure /ɪk'spəʊʒə(r)/ *n.*

the state of being in a place or situation where there is no protection from something harmful or unfavorable 暴露  
于、处于有害或不良环境中

feasible /'fi:zəbl/ *adj.*

that can be done, made, or achieved 可行的

★ feeble /'fi:bl/ *adj.*

◎ fire /'faɪə(r)/ *v.*

flight /flaɪt/ *n.*

★ haul /hɔ:l/ *v.*

★ hover /'hʊvə(r)/ *v.*

◆ interstellar /,ɪntə'stelə(r)/ *adj.*

◎ investigate /ɪn'vestɪgeɪt/ *v.*

▲ jack /dʒæk/ *n.*

◆ laser /'leɪzə(r)/ *n.*

◆ lifespan /'laɪfspæn/

longtime /'lɒŋtaɪm/ *adj.*

◆ lubber /'lʌbə/ *n.*

marvelous /'mɑ:vələs/ *adj.*

▲ mast /mɑ:st/ *n.*

★ measurable /'meʒərəbl/ *adj.*

★ milestone /'maɪlstəʊn/ *n.*

very weak 非常微弱的, 虚弱的

to produce an electrical spark and make the fuel burn and the engine start to work 点火, 发动

a journey by plane; the act of flying 飞行

to pull something or somebody with a lot of effort 拖、拉、拽

(birds or crafts) to stay in the air in one place 指鸟类或者飞行器在空中盘旋

between stars in the universe 星际的

to find out information and facts about a subject or problem by study or research 调查、研究

a device for raising heavy objects off the ground, especially motor vehicles, so that a wheel can be changed 千斤顶

a device that makes a very strong beam of controlled light with rays that are parallel and of the same wavelength 激光器

the length of time that something is likely to live, continue or function (生物的) 寿命, (物品的) 使用期限

that lasts a long period of time or has an effect over a long period 长期的

a big, clumsy and stupid boy or man 高大蠢笨的男子

wonderful, fantastic, miraculous 令人惊叹的, 奇迹般的, 非凡的

tall upright poles that support the sails of a ship or boat 桅杆

that can be compared with a standard unit 可测量的, 可度量的

a very important stage or event in the

◆ millennia /mi'leniə/ *n.*

development of something 里程碑

★ momentum /mə'mentəm/ *n.*

a thousand years 千年

a force that is gained by movement 冲力, 推动力, 动量

★ navigate /'nævigeɪt/ *v.*

to sail along, over or through a sea, river, etc. 航行, 航海

◎ notion /'nəʊn/ *n.*

an idea, a belief or an understanding of something 概念, 想法, 见解

◆ outgrowth /'aʊtgrəʊθ/ *n.*

a natural development of something 自然发展的结果

◆ outrigger /'aʊtrɪɡə(r)/ *n.*

a structure projecting over the side of a boat or ship 支架

★ planetary /'plænətri/ *adj.*

relating to a large round object in space that moves around a star (such as the sun) and receives light from it 行星的

pop /pɒp/ *v.*

to suddenly appear, especially when not expected 冒出, 突然出现

◆ privateer /'praɪvətɪə(r)/ *n.*

a ship used in the past for attacking and robbing other ships 武装民船

producer /prə'dju:sə(r)/ *n.*

a person who is in charge of the practical and financial aspects of making a film or a play 制片人

★ propel /prə'pel/ *v.*

to move, drive or push something forward in a particular direction 驱动, 推动

▲ rattle /'rætl/ *v.*

to make a series of short and loud sounds when hitting against something hard 敲打, 使发出咯咯声

◆ rendezvous /'rɒndrɪvu:/ *v.*

to meet at a time and place that have been arranged in advance (在约定的时间和地点) 会面, 相会, 集合

romantic /rəʊ'mæntɪk/ *adj.*

very imaginative and emotional; beautiful in a way that makes one thinks of love or feels strong emotions 浪漫的, 富有情

- ★ shiny /'ʃaɪni/ *adj.*  
smooth and bright; reflecting the light 闪亮的
- spacecraft /'speɪskrɑ:ft/ *n.*  
a vehicle that travels in space 航天器, 宇宙飞船, 太空船
- ◆ starry-eyed /'stɑ:ri,aɪd/ *adj.*  
full of emotion, hopes or dreams about somebody or something in a way that is not realistic 异想天开的, 乐观的
- stormy /'stɔ:mi/ *adj.*  
with strong winds and heavy rain or snow, or very strong 起风暴的; 激烈的, 强劲的
- ◎ stretch /stretʃ/ *v.*  
to pull something so that it is smooth and tight 拉紧; 拉直; 绷紧
- sunbeam /'sʌnbi:m/ *n.*  
a ray of sunlight 阳光
- ★ tacking /'tækɪŋ/ *n.*  
the moving of a sailing boat at an angle to the wind in order to fill its sails (指帆船) 抢风航行
- ★ traverse /trə'veɪs/ *v.*  
to cross an area of land or water 穿越
- ▲ triangular /traɪ'æŋgjələ(r)/ *adj.*  
being like a flat shape with three straight sides and three angles 三角形的
- ◆ unfurl /ʌn'fɜ:l/ *v.*  
to open something that is curled or rolled tightly 把卷在一起的东西展开
- unpredictable /ʌnpri'dɪktəbl/ *adj.*  
that cannot be predicted 不可预测的, 无法预料的
- ◆ unroll /ʌn'rəʊl/ *v.*  
to open up something which is originally in the shape of a tube or ball and make it flat 展开, 铺开
- vacuum /'vækju:m/ *n.*  
a space that is completely empty of all substances, including all air or other gas 真空
- ◎ vision /'vɪʒn/ *n.*  
an idea or a picture in one's imagination 想象, 想象的图景
- ★ visionary /'vɪʒənri/ *n.*  
a person who has the ability to think about



or plan the future in an wise, imaginative way 有远见卓识的人

## 词组

act as	perform the role or function of somebody or something 充当
ball the jack	do something at a fast speed, move quickly, or drive quickly 敏捷地行动起来, 疾驰
cut one's teeth on ...	draw lessons from ... 吸取经验教训
dry up	gradually become less of something until there is nothing left 枯竭, 耗尽
in addition	moreover, besides 而且
mark a milestone for ...	indicate a very important stage or event in the development of something 标志着一个里程碑, 标志着取得阶段性重要成果
pop out	come out suddenly 弹出
seek to do...	to try to obtain or achieve something, endeavor to do ... 寻求, 力图做某事
stretch back to...	date back to, date from 追溯至
take baby steps toward ...	to do something for the first time, to make an attempt on something 尝试着做某事
weigh anchor in	begin to start a journey or begin to do something 开始做某事
(be) worthy of	deserving something or deserving to do something 值得, 配得上

## 泛读教程词汇

### Text A

- ◆ aluminum /ə'lu:mi:nəm/ *n.* 铝
- ◆ angularity /æŋgju'lærɪti/ *n.* 尖, 角
- ◆ approach /ə'prəʊtʃ/ *n.* 进场