



Lesson 26

The past life of the earth

preservation [7prezə'veɪʃn] n. 保护，保存

preservation n. [U] when sth. is kept in its original state or in good condition 保护，保存

building / environmental / food preservation

preservation of ...

the preservation of our cultural heritage

conservation n. 1. [U] the protection of natural things such as animals, plants, forests etc. 保护（动植物，自然环境等）

wildlife conservation

conservation of the countryside

conservation n. 2. [U] when you prevent sth. from being lost or wasted
保存

energy conservation

reservation n. 1. [C] an arrangement for a seat on a plane or train, a room in a hotel, etc. to be kept for you 预定

I'll call the restaurant and make a reservation.



reservation n. 2. [C, U] a feeling of doubt about a plan or an idea 保留意见

I have serious reservations about his ability to do the job.

The old building is in a good state of _____except for the wooden floors.

(CET6)

(A) observation (B) preservation

(C) conservation (D) reservation

scavenger ['skævɪndʒə(r)]

n. 食腐动物

scavenger n. 食腐动物

vertebrate n. 脊椎动物

invertebrate n. 无脊椎动物

mammal n. 哺乳动物

primate n. 灵长类动物

rodent n. 啮齿类动物

marsupial n. 有袋类动物

crustacean n. 甲壳类动物

biped n. 两足动物

quadruped n. 四足动物



prey n. 被捕食者，猎物

predator n. 捕食者

decompose [7di:kəm'pəʊz]

v. 腐烂

decompose v. to decay or make sth. decay 腐烂

Fallen leaves gradually decompose.

The fertilizer releases nutrients gradually as bacteria decompose it.

rot / decay

Too much candy will rot your teeth / make your teeth rot.

Too much candy will decay your teeth / make your teeth decay.

Each civilization is born, it culminates, and it decays.

impose v. 强加

expose v. 暴露

propose v. 建议，求婚

oppose v. 反对，对抗

dispose v. 布置，安排

interpose v. 插入，介入

depose v. 罢免，废黜

compose v. 组成，构成

decompose v. 腐烂，分解



transpose v. 使互换位置

juxtapose v. 将.....并列

inaccessible [ɪˈnæksəˈsəbl]

adj. 难以到达的，无法到达的

inaccessible adj. difficult or impossible to reach 难以到达的，无法到达的

The country consists mainly of dense jungles and inaccessible mountain ranges.

The bathroom is situated at the top of a flight of stairs, making it inaccessible to the disabled.

In this much-travelled world, there are still thousands of places which are inaccessible to tourists.

accessible

The village is isolated and accessible only by helicopter.

All parts of the museum are accessible to wheelchairs.

access n. 1. (接近或进入某地的) 方法，通道

access to ...

The only access to the farmhouse is across the fields.

access n. 2. (使用某物或接近某人的) 机会或权利

have access to ...



Students must have access to a good library.

Only high officials have access to the president.

palaeontological

paleontological

[pælɪˈɒntəˈlɒdʒɪkəl]

adj. 古生物学的

Paleontological Museum

International Paleontological Association

palaeontology / paleontology n. the study of fossils as a way of getting information about the history of life on Earth and the structure of rocks

古生物学

palaeontologist / paleontologist n. 古生物学家

paleontology “paleo” (= ancient) + “onto” (= being) + “logy” (= study)

paleobotany n. 古植物学

paleoanthropology n. 古人类学

paleolithic / Paleolithic adj. 旧石器时代的

paleolithic “paleo” (= ancient) + “lith” (= stone) + “ic” (形容词后缀)

the Paleolithic Age a Paleolithic axe

neolithic / Neolithic adj. 新石器时代的

neolithic “neo” (= new) + “lith” (= stone) + “ic” (形容词后缀)



the Neolithic Age

Neolithic tools

venture ['ventʃə(r)]

v. 冒险去某地

venture v. to go somewhere that could be dangerous 冒险去某地

When darkness fell, he would venture out.

She paused before venturing up the steps to the door.

“vent” / “ven” = come

advent (“ad” = to) n. 基督降临节；（重要人物、事件等的）来临，到来

adventure n. 冒险，奇遇

invent v. 发明

inventor n. 发明家

invention n. 发明

prevent (“pre” = before) v. 预防

prevention n. 预防

intervene (“inter” = between) v. 干涉，干预，调解，斡旋

intervention n. 干涉，干预，调解，斡旋

convene (“con” = together) v. 召集，集会

convention n. 大会；习俗，惯例；协议

contravene (“contra” = against) v. 违犯（法律等）



contravention n. 违犯（法律等）

revenue (“re” = back) n. 收入，岁入，税收

*It is animals and plants which lived in or near water whose remains are most likely to be preserved, *for one of the necessary conditions of preservation is quick burial, and it is only in the seas and rivers, and sometimes lakes, where mud and silt have been continuously deposited, that bodies and the like can be rapidly covered over and preserved.**

it is / was ... whose ...

The remains of animals and plants which lived in or near water are most likely to be preserved.

It is animals and plants which lived in or near water whose remains are most likely to be preserved

I lost uncle Bill s address.

It was uncle Bill whose address I lost.

remains n. 1. [pl.] 残余物，遗址，废墟

The body of one statue was found among remains dating from the fifteenth century B.C.

In his mouth were the remains of fir trees — the last meal that he had before he fell into the crevasse and broke his back.

remains n. 2. [pl.] [fml.] 尸体，遗骸

His mortal remains are buried in the churchyard.



be likely / unlikely to do sth.

This is a pity, because noise abatement really is a good cause, and it is likely to be discredited if it gets to be associated with bad science.

As it happens, a razor that is safe in Europe is unlikely to electrocute Americans.

It later became apparent that rabbits were developing a degree of resistance to this disease, so that the rabbit population was unlikely to be completely exterminated.

造句：住在叙利亚 (Syria) 及附近的难民的应用最有可能获得批准。

It is refugees who live in or near Syria whose applications are most likely to be approved.

警察及时到来阻止了局面进一步恶化。

The timely arrival of the police prevented the situation from becoming worse.

他在他妻子不知道的情况下卖掉了房子。

He sold the house without his wife's knowledge.

silt n. sand, mud, etc carried by flowing water and left at the mouth of a river, in a harbour, etc. 淤泥

continuously

continually

deposit v. to leave a layer of a substance on the surface of something, especially gradually 沉积



layers of sediment that were deposited on the ocean floor

and the like / and such like: and similar things 等等，诸如此类

Soldiers, policemen, and the like were all called in to help with the emergency.

and what not [infml.]

tools, machines and what not

and so on

and so forth

etc. (et cetera)

But even in the most favourable circumstances only a small fraction of the creatures that die are preserved in this way *before decay sets in* or, *even more likely, before scavengers eat them.*

favourable circumstances

adverse / unfavorable circumstances

exceptional / special / unusual circumstances

unavoidable / unforeseen circumstances

economic / financial / political / social circumstances

in / under ... circumstances

due to ... circumstances

It is almost always due to some very special circumstances that traces of land animals survive, ...



A man without an education, many of us believe, is an unfortunate victim of adverse circumstances, deprived of one of the greatest twentieth-century opportunities.

Under no circumstances should you leave the door unlocked.

a fraction of的一小部分

We owe a lot to the birds and beasts who eat insects but all of them put together kill only a fraction of the number destroyed by spiders.

a small / tiny / mere fraction of ...

A mere fraction of available wind energy is currently utilized.

Only a small fraction of a bank's total deposits will be withdrawn at any one time.

Although sexual and violent crimes have increased by 10%, they remain only a tiny fraction of the total number of crimes committed each year.

set in: if sth. sets in, especially sth. unpleasant, it begins and seems likely to continue for a long time (不愉快的事物) 开始并可能继续下去

Further economic decline set in during the 1930s.

Despair seems to have set in among the England team.

After all, all living creatures live by feeding on something else, whether it be plant or animal, dead or alive, and it is only by chance that such a fate is avoided.

live by doing sth. live by means of doing sth. 靠做某事为生



It has been said that everyone lives by selling something.

The nomads who made these markings lived by hunting and fishing during the last Ice Age, which began about 35,000 B.C. and ended about 10,000 B.C.

live by sth. live according to ... 按照.....生活

I have always tried to live by my faith.

We still do; living in a world in which undeclared aggression, war, hypocrisy, chicanery, anarchy and impending immolation are part of our daily lives, we all want a code to live by.

feed on sth. Cows feed on hay.

It has been found that certain bats emit squeaks and by receiving the echoes, they can locate and steer clear of obstacles—or locate flying insects on which they feed.

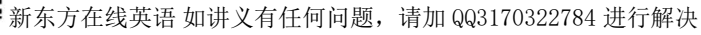
prey on sth. Owls prey on mice.

live on sth.

Whether it be bird, fish or beast, the porpoise is intrigued with anything that is alive.

Though he be the President himself, he shall listen to us.

After all, all living creatures live by feeding on something else, be it plant or animal, dead or alive, and it is only by chance that such a fate is avoided.



countless



a host of ... a mass of ...

a great many ...

a large number of ...

let alone ...

not to mention ...

The baby can't talk, let alone run.

He can't run a hundred yards, let alone a mile.

I don't suspect him of theft, let alone of robbery.

They own two houses, not to mention a yacht.

The dampness is unpleasant, not to mention the cold.

Similarly, our own present primitive chemical rockets, though good enough to orbit men, have no chance of transporting us to the nearest other star, four light years away, let alone distances of tens or hundreds of light years.

much less / still less = let alone

Tony can barely boil an egg, much less cook dinner.

I've never seen the man, much less spoken to him.

No living person seemed to notice him, still less to like him.

to say nothing of = not to mention

It would be an enormous amount of work, to say nothing of the cost.

We will need more time, to say nothing of money.



come across = encounter v. If you come across sth. or sb., you find them or meet them by chance. 偶遇，邂逅

I came across a group of children playing.

Staff are not permitted to make personal phone calls except in an emergency.

The weather has been fine except in the north.

The store is open every day from 9:00 to 5:00, except on Sundays.

They decompose and are quickly destroyed *by the weather* or eaten by some other creature.

It is almost always due to some very special circumstances that traces of land animals survive, as by falling into inaccessible caves, or into an ice crevasse, *like the Siberian mammoths*, when the whole animal is sometimes preserved, (as in a refrigerator).

It is almost always due to some very special circumstances that traces of land animals survive, as (traces of land animals survive) by falling into inaccessible caves, or into an ice crevasse, like the Siberian mammoths, when the whole animal is sometimes preserved, as (the whole animal is preserved) in a refrigerator.

On the occasions when they have pushed to shore an unconscious human being they have much more likely done it out of curiosity or for sport, as (they have done it out of curiosity or for sport) in riding the bow waves of



a ship.

crevasse n. deep open crack in the ice of a glacier （冰川的）裂缝

mammoth n. an animal similar to an elephant with long hair that lived a very long time ago 猛犸象

This is what happened to the famous Beresovka mammoth *which was found preserved and in good condition.*

In his mouth were the remains of fir trees — the last meal that he had before he fell into the crevasse and broke his back.

The remains of fir trees — the last meal that he had before he fell into the crevasse and broke his back — were in his mouth.

In his mouth were the remains of fir trees — the last meal that he had before he fell into the crevasse and broke his back.

在主语较长时，常使用“表语 + 系动词 + 主语”的倒装结构。

On the floor were piles of books, magazines and newspapers.

Happy is he who has a sound mind in a sound body.

Gone are the days when my heart was young and gay.

The mammoth has now been restored *in the Paleontological Museum in St. Petersburg.*

Other animals were trapped in tar pits, *like the elephants, sabre-toothed cats, and numerous other creatures that are found at Rancho la Brea, which is now just a suburb of Los Angeles.*



trap v. to prevent sb. from leaving a place, especially a dangerous place

使困在某处

Twenty miners were trapped underground.

Dozens of people were trapped in the rubble when the building collapsed.

There's no way out! We're trapped!

After chipping through a wall which was eighteen inches thick, they found that a man had been trapped in the chimney.

tar n. thick black sticky liquid, hard when cold, obtained from coal, etc.

and used in making roads, to preserve timber, etc 焦油，沥青

pit n. a large deep hole in the ground 地表的大坑

tar pit n. an accumulation of natural tar at the earth's surface, especially one that acts as a trap for animals and preserves their bones 沥青坑：地表中天然沥青的集聚场所，尤指使动物不慎陷入其中并保存了它们的骨骼的天然沥青聚焦点

saber-toothed cat / sabre-toothed cat (42 million years ago ~ 11,000 years ago)

A saber-toothed cat, also called saber-toothed tiger, is any member of various extinct groups of predatory mammals that were characterized by long, curved saber-shaped canine teeth. The large maxillary canine teeth extended from the mouth even when it was closed.

Apparently what happened was that water collected on these tar pits, and



the bigger animals like the elephants ventured out on to the apparently firm surface to drink, and were promptly bogged in the tar.

collect v. if a substance collects somewhere, it gradually goes there (物体) 聚集

Rain collected in pools on the road.

Dust had collected on the window-sill.

bog n. (area of) wet spongy ground formed of decaying vegetation 沼泽

bog v. to make sth. sink into mud or wet ground (使某物) 陷入泥沼

The tank got bogged down in mud.

And then, when they were dead, the carnivores, like the sabre-toothed cats and the giant wolves, came out to feed and suffered exactly the same fate.

giant wolf / dire wolf n. a large wolf-like mammal that inhabited North America during the Pleistocene epoch (2,000,000 years ago ~10,000 years ago) 恐狼

suffer a ... fate 遭遇了.....命运

The refugees have suffered an appalling fate.

The Casino, where she had often danced, had suffered a similar fate.

The disciples were terrified that they would suffer the same fate as Jesus.

There are also endless numbers of birds in the tar as well.

Lesson 27 The 'Vasa'



imperial [ɪmˈpɪəriəl]

adj. 帝国的，帝王的，皇帝的

imperial adj. relating to an empire or to the person who rules it 帝国的，
帝王的，皇帝的

the imperial family

the Imperial Palace

Britain's imperial expansion in the 19th century

imperialism n. 帝国主义

the age of imperialism

imperialist n. 帝国主义者 adj. 帝国主义的

The developed nations have all benefited from their imperialist
exploitation.

All the imperialist schemes and intrigues are doomed to failure.

hurricane [ˈhʌrɪkən]

n. 飓风

hurricane n. a violent storm with very strong winds, especially in the
western Atlantic Ocean (大西洋西海岸的) 飓风

hurricane n. (大西洋西海岸的) 飓风



typhoon n. (太平洋西海岸的) 台风

cyclone n. 特大的破坏性的暴风

squall n. 突然刮起的狂风

tornado n. 龙卷风

dust devil n. 小规模沙尘暴，尘旋风

blizzard n. 特大暴风雪

snowstorm n. 暴风雪

thunderstorm n. 大雷雨，雷暴

windstorm n. 风暴

sandstorm n. 沙尘暴

might [maɪt]

n. 力量，威力，权力

might n. [U] great strength or power 力量，威力，权力

I pushed the rock with all my might.

We fear the military might of the enemy.

mighty adj. very strong and powerful, or very big and impressive 强大的，有力的，宏伟壮观的

Even a mighty express train can be held up by signals.

In that first glorious hour, the mighty Vasa, which was intended to rule the Baltic, sank with all flags flying—in the harbour of her birth.



almighty adj. 全能的

God Almighty / Almighty God

zoomorphic [ˈzəʊə'mɔːfɪk]

adj. 动物形状的，兽形的

zoomorphic adj. having the form of an animal 动物形状的，兽形的

a zoomorphic deity

“zoo” = animal + “morph” = form + “ic”

zoology (“logy” = study) n. 动物学

zoological adj. 动物学的

amorphous (“a” = not) adj. 无定形的

metamorphosis (“meta” = change) n. 变形

polymorphous (“poly” = many) adj. 多种形态的

majestic [mə'dʒestɪk]

adj. 宏伟的，壮观的，壮丽的

majestic adj. very big, impressive, or beautiful 宏伟的，壮观的，壮丽的

The great ship looked majestic in her new colours.

This lovely village is surrounded by majestic mountain scenery.

“maj” / “max” = great

majesty n. 威严，庄严；陛下



majestic adj. 宏伟的，壮观的，壮丽的

major adj. 主要的，重要的，重大的

majority n. 大多数

maxim n. 格言

maximal adj. 最大的

maximum adj. 最大的 n. 最大量，最大值

climax (“cli” = lean) n. 顶点，高潮

anticlimax (“anti” = against) n. 突降，虎头蛇尾，令人失望的结局

port [pɔ:t]

n. (船或飞行器的) 左舷

port n. the left side of a ship or aircraft when you are looking towards the front (船或飞行器的) 左舷

to port

The plane tilted to port.

The ship was leaning over to port.

As the wind freshened there came a sudden squall and the ship made a strange movement, listing to port.

port 左舷

starboard 右舷

rudder 舵

anchor 锚

mast 桅杆

deck 甲板



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hull 船体

cabin 船舱

bow 船头

stern 船尾

From the seventeenth-century empire of Sweden, the story of a galleon that sank at the start of her maiden voyage in 1628 must be one of the strangest tales of the sea.

empire emperor empress

kingdom king queen

city-state prince princess

Whenever the Italian city-states were at war with each other, Hawkwood used to hire his soldiers to princes who were willing to pay the high price he demanded.

galleon n. a large sailing ship used mainly by the Spanish from the 15th to the 17th century （15 至 17 世纪的）西班牙大帆船

maiden n. 少女，未婚女子

maiden voyage / flight / work ...

= first voyage / flight / work ...

The tragic sinking of this great liner will always be remembered, for she went down on her first voyage with heavy loss of life.

virgin land / forest ...

tale n. a story, esp. one which might be invented or difficult to believe 故事，传奇



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For nearly three and a half centuries she lay at the bottom of Stockholm harbour until her discovery in 1956.

指“车、船、祖国”时常用 “she”

What's wrong with my car? she won't start.

China has done what she promised to do.

She was carrying 1,316 passengers and crew of 891.

She stands on dry land and is visited by thousands of people each year.

The Karen had been sailing in a convoy to Russia when she was torpedoed by an enemy submarine.

lie lay lain

lay laid laid

造句：在将近两个半小时里她躺在血泊之中，直到上午八点被人发现。

For nearly two and a half hours she lay in a pool of blood until her discovery at 8 o'clock a.m.

造句：在一个多世纪的时间里中国人民生活在半殖民地半封建社会，直到 1949 年中华人民共和国成立。

For more than a century the Chinese people lived in the semi-colonial and semi-feudal society until the foundation of the People's Republic of China in 1949.

This was the Vasa, royal flagship of the great imperial fleet.

the Vasa



the Cutty Sark

The loss of the Titanic

flagship n. the most important ship in a group of ships belonging to the navy 旗舰

fleet n. group of warships, submarines, etc. under one commander 舰队

George W. Bush, President of the United States

Who is caption of the team?

King Gustavus Adolphus, 'The Northern Hurricane', *then at the height of his military success in the Thirty Years' War*, had dictated her measurements and armament.

Gustavus Adolphus (1594-1632) king of Sweden whose victories in battle made Sweden a European power; his domestic reforms made Sweden a modern state; in 1630 he intervened on the Protestant side of the Thirty Years' War and was killed in the battle of Lützen.

be at the height of one's success / fame / powers etc: to be more successful, famous etc than at any other time

The Beatles were at the height of their fame.

Thirty Years' War: A series of wars in central Europe beginning in 1618 that stemmed from conflict between Protestants and Catholics and political struggles between the Holy Roman Empire and other powers. It ended with the Peace of Westphalia (1648).



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dictate v. to give orders, or state sth. exactly, with total authority 指定

The UN will dictate the terms of troop withdrawal from the region.

measurement n. [C, usually pl.] the length, height etc of something 尺寸

Take measurements of the room before you buy any new furniture.

armament [U] process of equipping military forces for war 武装

Triple gun-decks mounted sixty-four bronze cannon.

mount v. to fix sth. into position on sth., so that you can use it, look at it

or study it 将某物固定住（以备使用、展示或研究）

mount sth. (on / onto / in sth.)

The specimens were mounted on slides.

The diamond is mounted in gold.

a wall-mounted electric fan

bronze

brass

copper

cannon n. (复数 cannon 或 cannons) a large heavy powerful gun that was

used in the past to fire heavy metal balls (发射实心金属炮弹的旧式) 大

炮

She was intended to play a leading role in the growing might of Sweden.

intended adj. planned or designed for a particular purpose or person 为

了.....而计划或设计的

be intended for ... / to do ...

The book is intended for children.



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The age limit is intended to guarantee that not only past work is rewarded. The Fields Medal is also intended to encourage the winners to make further contributions.

As she was prepared of her maiden voyage on August 10, 1628, Stockholm was in a ferment.

ferment n. [U, sing.] a situation of great excitement or trouble in a country, especially caused by political change 激动不宁，动荡不安

The whole country has been in a state of political ferment for some months.

From the Skeppsbron and surrounding islands the people watched this thing of beauty begin to spread her sails and catch the wind.

thing of beauty = beautiful thing

A ship with all of its sails spread is a gallant sight.

My heart has spread its sails to the idle winds for the shadowy island of Anywhere.

hoist / lower the sails

set sail

The following week the 'Queen Elizabeth' set sail for New York.

Mrs Healy moved away like a ship in full sail (= with all its sails spread).

catch the wind 兜住风

The sails are torn; they won't catch the wind.



You can not catch the wind in a net.

They had laboured for three years to produce this floating work of art;
she was more richly carved and ornamented than any previous ship.

labour / labor v. to work hard

Five generations of his family have labored as fishermen.

Three hours after the explosion, rescue teams were still laboring to free
those trapped.

work of art n. 1. a painting, statue, etc.

A number of priceless works of art were stolen from the gallery.

work of art n. 2. something that is attractive and skillfully made

The bride's dress was a work of art.

richly adv. if something is richly decorated, it is decorated a lot, in a way
that is beautiful

a richly carved ceiling

a table richly ornamented with carvings

a cloak richly embroidered with gold thread

The high stern castle was a riot of carved gods, demons, knights, kings,
warriors, mermaids, cherubs; and zoomorphic animal shapes ablaze with
red and gold and blue, symbols of courage, power, and cruelty, were
portrayed to stir the imaginations of the superstitious sailors of the day.

be a riot of sth. (fml.) be full of a collection of a lot of different types of



the same thing 充满了，充斥着

The garden was a riot of colour.

The market was a riot of unfamiliar sounds and smells.

ablaze adj. 1. burning strongly with a lot of flames 熊熊燃烧的

Within minutes the whole house was ablaze.

ablaze adj. 2. very bright or colorful 光鲜的，明艳的

ablaze with ...

Her yard was ablaze with summer flowers.

The trees were ablaze with the colors of autumn.

symbol of的象征、标志

The dove is a symbol of peace.

The lion is the symbol of courage.

The cross is the symbol of Christianity.

portray v. to show sb./sth. in a picture; to describe sb./sth. in a piece of writing (以绘画或文字) 描绘

The painting portrays the duke's third wife.

His war poetry vividly portrays life in the trenches.

Then the cannons of the anchored warships thundered a salute to which the Vasa fired in reply.

We anchored (our boat) close to the shore.

Before she had anchored, the men from the boats had climbed on board



and the decks were soon covered with colourful rugs from Persia, silks from India, copper coffee pots, and beautiful hand-made silver-ware.

salute n. 1. an official occasion when guns are fired into the air to show respect 鸣礼炮致敬

Bands played, and there was a 21-gun salute.

fire / thunder a salute

fire a salute of ten guns

Then the cannons of the anchored warships thundered a salute to which the Vasa fired (a salute) in reply.

salute n. 2. an act of raising your right hand to your head as a sign of respect, usually done by a soldier to an officer 敬礼

give / return a salute

The soldier gave a salute and the officer returned it.

in reply / response to sth.

I am writing in reply / response to your letter of June 12.

In response to renewed pleadings, Bruce stopped.

造句：哨兵 (sentry) 向我们敬礼，我们挥手 (wave) 还礼。

The sentry gave us a salute to which we waved in reply.

As she emerged from her drifting cloud of gun smoke with the water churned to foam beneath her bow, her flags flying, pennants waving, sails filling in the breeze, and the red and gold of her superstructure ablaze



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with colour, she presented a more majestic spectacle than Stockholmers had ever seen before.

drift v. to move slowly on water or in the air 漂流，飘移

The boat drifted down the river.

Thick smoke from a forest fire drifted across the town.

cloud n. a large amount of smoke, dust, steam, etc. in the air 烟云，烟尘

cloud of dust / smoke / gas ...

The hens darted away on all sides, raising a cloud of dust.

churn (up) v. if water, mud etc churns, or if something churns it, it moves about violently 翻滚，翻腾，汹涌奔腾

The water churned beneath the huge ship.

The sea was churned up by heavy winds.

foam n. [U] a mass of very small air bubbles on the surface of a liquid 泡沫

a glass of beer with a good head of foam

The breaking waves left the beach covered with foam.

The ship's propeller churned the waves to foam.

The wind howled and churned up the water into swirling foam.

pennant n. long narrow flag tapering to a point, used on a ship for signaling or as identification (船上用作信号或识别标志的) 长三角旗

fill v. become full 充满



The hall soon filled.

The sails filled with wind.

superstructure n. the structural part of a ship above the main deck 甲板上部结构，船楼

All gun-ports were open and the muzzles peeped wickedly from them.

gunport / gun-port n. 战舰上的炮门，炮眼

muzzle n. open end of a firearm, out of which the bullets, etc come 枪口，炮口

peep v. to look at something quickly and secretly, especially through a hole or opening 窥视，窥探

We caught her peeping through the keyhole.

As the wind freshened there came a sudden squall and the ship made a strange movement, listing to port.

freshen v. (of the wind) become strong and cool （指风）变得强而凉

The wind will freshen tonight.

a freshening onshore breeze

非 be 动词的存在句型 (existential sentences with verbs other than 'be')

there 常与 be 动词之外的不及物动词 (come, go, arrive, follow, rise, exist, appear, remain, live, lie, stand, happen, occur 等等) 构成存在句，以突出句末的主语。

There came to his mind her beautiful face.



There remains nothing more to be done.

There followed an uncomfortable silence.

There rose in his imagination visions of a world empire.

Not long after this, there occurred a sudden revolution in public taste.

Fortunately for me, as I was wondering what to do next, there appeared on the horizon a man on horseback, riding in my direction.

He made no other movement, but stood with his thumbs in his belt.

discover ...

→ make a discovery of ...

describe ...

→ make a description of ...

investigate ...

→ make an investigation of ...

summarize ...

→ make a summary of ...

analyze ...

→ make an analysis of ...

contribute to ...

→ make contributions to ...

emphasize / stress ...

→ lay / put emphasis / stress on ...



understand ...

→ have an understanding of ...

consider ...

→ give consideration to ...

object to ...

→ have an objection to ...

list v. (of a ship) lean over to one side (指船) 倾侧

The ship lists to port.

The damaged vessel was listing badly.

The Ordnance Officer ordered all the port cannon *to be heaved to starboard to counteract the list*, but the steepening angle of the decks increased.

ordnance n. [U] large guns with wheels 大炮

Ordnance Officer n. 炮长，司炮

heave v. to push, pull, or lift a heavy object using a lot of effort 用力推、拖拽或提升重物

Alan heaved his suitcase onto his bed.

counteract v. to reduce or prevent the bad effect of something, by doing something that has the opposite effect 对抗，抵消

These exercises aim to counteract the effects of stress and tension.



steepen v. to become or to make sth. become steeper 使更陡峭

After a couple of miles, the slope steepened considerably.

Then the sound of rumbling thunder reached the watchers on the shore, as cargo, ballast, ammunition and 400 people went sliding and crashing down to the port side of the steeply listing ship.

rumble v. make a deep heavy continuous sound 发出持续的低沉的声音

The machine rumbled as it started up.

thunder rumbling in the distance

I'm so hungry my stomach's rumbling.

Then the watchers on the shore heard the sound of rumbling thunder, ...

Then the sound of rumbling thunder reached the watchers on the shore ...

We heard of the news that Beijing had won the right to host the 2008 Olympic Games.

The news came to us that Beijing had won the right to host the 2008 Olympic Games.

cargo n. [U and C] the goods that are being carried in a ship or plane (船或飞机上的) 货物

The captain knew that another attempt would be made later, for the sunken ship he was trying to find had been carrying a precious cargo of gold bullion.

ballast n. [U] heavy material that is carried by a ship to make it more



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steady in the water (船中用以保持平稳的) 压舱物

ammunition n. [U] supply of bullets, bombs, grenades, etc fired from weapons or thrown 弹药

go doing: to move in a particular way 以某种方式移动

The plate went crashing to the floor.

The train went chugging up the hill.

She went sobbing up the stairs.

Chairs and tables went flying into the arcade.

The lower gun-ports were now below water and the inrush sealed the ship's fate.

inrush n. [C usually singular] an occasion when sth. such as water or air enters a place quickly (水或空气的) 涌入

an inrush of air / water

The inrush of fresh air filled the room.

seal sb's fate / seal the fate of sb: to show or decide that sth. bad will definitely happen to someone 注定了.....的厄运，使.....在劫难逃

The discovery of new evidence sealed his fate.

The outbreak of war sealed the government's fate.

Further floods may have sealed the fate of the few remaining villages.

In that first glorious hour, the mighty Vasa, which was intended to rule the Baltic, sank with all flags flying—in the harbour of her birth.



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birth n. the time when something new starts to exist (新事物的) 诞生

the birth of a nation

The film gave birth to a TV show of the same name.

Lesson 28

Patients and doctors

fervently ['fɜ:vəntli]

adv. 热情地

fervent

a fervent supporter / admirer

fervour / fervor

religious / nationalistic / revolutionary fervor

fervor for ...

damp / dampen one's fervor

fervent

fervor / fervour

passionate

passion

enthusiastic

enthusiasm

zealous

zeal

ardent

ardor / ardour



curative ['kjuərətɪv]

adj. 治疗的，有疗效的

curative effects

the curative properties of herbs

cure (for ...)

AIDS is incurable.

There is no cure for AIDS.

It is the only possible cure for our chronic trade deficit.

remedy (for ...)

a good remedy for a cold

The best remedy for grief is hard work.

panacea (for ...)

Western aid will not be a panacea for the country's economic ills.

antidote (to ...)

There is no antidote to a bite from this snake.

Regular exercise is the best antidote to depression.

answer / solution to ...

resolution (of ...)

the resolution of a problem / commercial disputes

astronomical



[7æstrə'nɒmɪkl]

adj. 天文学的；极大的

astronomical figures

an astronomical rent / price / fee

astronomy

“astr” / “aster” = star

astrology

astronautics

astronaut

disaster

asterisk

asteroid

“stell” = star

stellar

stellar light

stellar bodies

interstellar

interstellar travel

interstellar communications

constellation

a constellation of artists and writers

tangible ['tændʒəbl]

adj. 可以触摸到的；真实而具体的

tangible evidence / benefits / assets

intangible



She has that intangible quality which you might call charisma.

the company's intangible assets

visible / in sight

invisible / out of sight

audible / within earshot

inaudible / out of earshot

(A) John is too far away to hear.

(B) John is out of money.

(C) John hasn't left yet.

(D) John doesn't hear well.

M: Hey, John! John!

W: Save your breath. He's out of earshot.

Q: What does the woman mean?

Answer: (A) John is too far away to hear.

prescribe [prɪ'skraɪb]

v. 开药方

prescribe sb. sth.

The doctor prescribed him a course of antibiotics.

prescribe sth. for sth.

This drug is commonly prescribed for arthritis.



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prescription (for ...)

Chinese premier's prescription for economic ills

“scribe” = write

prescribe

proscribe

describe

inscribe

ascribe

circumscribe

subscribe

transcribe

inconvenience

[7 ɪnkən'vi:niəns]

n. 不便，不方便

We apologize for the inconvenience caused to passengers.

inconvenient

convenient

Living in the center of the city is very convenient.

If you are convenient, call me tomorrow before noon. X

If it's convenient for you, call me tomorrow before noon. ✓

convenience

at one's convenience

We can meet to discuss this further at your convenience.

at one's earliest convenience

Please call me back at your earliest convenience.



This is a sceptical age, but although our faith *in many of the things in which our forefathers fervently believed* has weakened, our confidence in the curative properties of the bottle of medicine remains the same as theirs.

This is a critical age.

That was a traumatic age.

Maybe we put too much faith in doctors and medicine.

All her life she had implicit faith in socialism.

trust (in ...)

Despite her many misfortunes, her trust in God was never shaken.

belief (in ...)

The failure won't shake his belief in himself.

confidence (in ...)

Opinion polls show that the voters have lost confidence in the administration.

reliance (on ...)

You place too much reliance on his expertise.

It's a theory to which many economists subscribe, but in practice it often leaves railroads in position of determining which companies will flourish and which will fail.

Many species can communicate an amazing(A) amount of information



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via(B) sound, information which(C) both the life of an individual and the continued(D) existence of the species may depend.

abate

The storm / wind has started to abate.

ebb

Our enthusiasm soon began to ebb.

subside

The storm began to subside.

The applause / pain gradually subsided.

I wanna hold you till I die, till we both break down and cry. I wanna hold you till the fear in me subsides.

wane

My enthusiasm for the project was waning.

damp / dampen

damp / dampen one's spirits / enthusiasm

faith in ... / confidence in ...

believe in ...

property n. quality or feature

This modern faith in medicines is proved the fact that the annual drug bill of the Health Services is mounting to astronomical figures and shows no signs at present of ceasing to rise.



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annual

annual income / meeting / ring

biannual

biennial

triennial

centennial

millennial

perennial

perennial happiness / youth

the Health / Civil / Diplomatic Service

mount v. go up; ascend

He mounted the steps to receive his award.

mount to ...

The death toll mounted to 100.

come to ... / rise to ... / increase to ... / reach ...

amount to ... / add up to ...

His monthly earnings amount to / add up to about \$4,000.

signs of ... / indication of ...

I couldn't see any signs of improvement.

Our monthly telephone bill is mounting to astronomical figures and shows no signs at present of ceasing to rise.

The majority of the patients attending the medical out-patients departments of our hospitals feel that they have not received adequate



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treatment *unless they are able to carry home with them some tangible remedy in the shape of a bottle of medicine, a box of pills, or a small jar of ointment*, and the doctor in charge of the department is only too ready to provide them with these requirements.

attend the meeting

attend college / church / hospital

outpatient

the outpatient department (OPD)

inpatient

the inpatient department (IPD)

emergency room (ER)

receive + noun 受到.....，得到.....，遭到.....

receive praise / abuse / support / insults

receive a warm welcome

receive adequate treatment

receive good education

receive a serious injury

receive a great deal of attention

These young people, who love the peace of mountains, always receive a warm welcome at St. Bernard's monastery.

No creature has received more praise and abuse than the common garden



snail.

This exhibition received a great deal of attention in the press, for though the pictures were supposed to be the work of famous artists, they had in fact been painted by Dickie.

in the shape / form of ...

Help came in the shape of a \$10,000 loan from his parents.

We haven't received proposals from him in any shape / form.

There is no superior 'they' in the shape of managements and hotel hierarchies to darken his holiday days.

too ... to ...

He was too excited to say a word.

glad / pleased ...
ready / willing ...
easy / apt ...
eager / anxious ...

Beginners are too apt to make mistakes.

She is too willing to marry him.

(only / all / but) too ... to ...

I'm only too pleased to help you.

They're but too glad to do so.

It's all too easy to blame the railway authorities when something does go wrong.



can not / never ... too ...

A woman can't have too many hats.

A man can never have too many ties.

It cannot be too strongly emphasized that mathematics is the basis of science.

Let it deceive them, then, a little longer; it cannot deceive them too much.

As for the time of attack, Hitler told his reluctant generals, 'the start cannot take place too early. It is to take place in all circumstances this autumn.'

There is no quicker method of disposing of patients than by giving them what they are asking for, and since most medical men in the Health Services are overworked and have little time for offering time-consuming and little-appreciated advice on such subjects as diet, right living, and the need for abandoning bad habits etc., the bottle, the box, and the jar are almost always granted them.

method of doing sth.

dispose of ... = get rid of ...

It took me over half an hour to get rid of him.

There is no quicker method of disposing of patients than the method of disposing of patients by giving them what they are asking for,

造句：再也没有比频频地看表更快的打发一个不受欢迎的客人的方法



了。

There is no quicker method of disposing of an unwelcome guest than by repeatedly looking at the watch.

a medical student

medical staff / expenses / ethics

overworked

overloaded

overcrowded

overestimated

time-consuming

energy-consuming

water-consuming

space-consuming

Nor is it only the ignorant and ill-educated person who was such faith in the bottle of medicine.

ill-educated

ill-bred

ill-advised

Spiders are not insects, as many people think, nor even nearly related to them.

Haier is China's leading electric appliances manufacturer; nor is this an



accident.

It is recounted of Thomas Carlyle that when he heard of the illness of his friend, Henry Taylor, he went off immediately to visit him, carrying with him in his pocket what remained of a bottle of medicine (formerly prescribed for an indisposition of Mrs. Carlyle's).

Thomas Carlyle

British historian and essayist whose major works include ‘The French Revolution’.

it is recounted / related of sb. that ...

It is recounted of Confucius that he at one time desired a governmental position.

It is related of Caesar that when speaking of the ease with which he subdued Egypt, he made use of the laconic saying, ‘I came, I saw, I conquered.’

legend has it that ...

Legend has it that Qu Yuan, a great poet of the Warring States period, threw himself into the Mi Luo River when he heard his homeland had been invaded.

rumor has it that ...

Rumor has it that she only married him for his money.

word has it that ...



Word has it that John is going to keep a dog as a pet.

go off / out

set off / out

start off / out

Four days after setting out, while the Titanic was sailing across the icy waters of the North Atlantic, a huge iceberg was suddenly spotted by a look-out.

... what remained of ...

... what was left of ...

Only two stray dogs benefited from all this confusion, for they greedily devoured what was left of the cake.

prescribe sth. for sth.

Carlyle was entirely ignorant of what the bottle *in his pocket* contained, of the nature of the illness *from* which his friend was suffering, and of what had previously been wrong with his wife, but a medicine that had worked so well in one form of illness would surely be of equal benefit in another, and comforted by the thought of the help *he was bringing to his friend*, he hastened to Henry Taylor's house.

be ignorant of / about ...

Carlyle was entirely ignorant of what the bottle in his pocket contained, (Carlyle was entirely ignorant) of the nature of the illness from which his



friend was suffering, and (Carlyle was entirely ignorant) of what had previously been wrong with his wife, but a medicine ...

It has been said that everyone lives by selling something. In the light of this statement, teachers live by selling knowledge, philosophers (live) by selling wisdom and priests (live) by selling spiritual comfort.

We would lay less stress on 'facts and figures' and (lay) more (stress) on a good memory, (lay more stress) on applied psychology, and (lay more stress) on the capacity of a man to get along with his fellow-citizens.

For in a university, science majors look down on humanities majors, foreign language majors (look down) on Chinese majors, Chinese majors (look down) on philosophy majors, philosophy majors (look down) on sociology majors, and sociology majors (look down) on education majors. Since education majors have no one to look down on, they can only despise the professors in their own department.

work v. to have a particular effect or result 有某种效果

The strategy seems to be working.

Criticizing your former employers works against you in the interview.

be equally beneficial

The mayor's inference that the new municipal golf course and resort hotel which worked so well to Ocean View's economy in the past will surely be of equal benefit in the future rests on the poor assumption that during the



past two years all the conditions upon which their effectiveness depends have remained unchanged.

History does not relate whether his friend accepted his medical help, but in all probability he did.

in all probability = very probably

in all likelihood = very likely

in all honesty = very honestly

in all frankness = very frankly

in all seriousness = very seriously

in all sincerity = very sincerely

in all eagerness = very eagerly

John Dewey has said in all seriousness that the part played by custom in shaping the behavior of the individual, as against any way in which he can affect traditional custom, is as the proportion of the total vocabulary of his mother tongue against those words of his own baby talk that are taken up into the vernacular of his family.

Dear Edward: I've gone back and forth the last few days trying to decide whether or not I should even write this. In the end, I realized I would regret it if I didn't. So, here goes. I know, the last time we saw each other, we weren't exactly hitting the sweetest notes.

It certainly wasn't the way I wanted our trip to end. I suppose I'm



responsible, and for that I'm sorry. But in all honesty, if I had the chance, I'd do it again.

Good afternoon. My name is Edward Cole. I do not know what most people say on these occasions, because in all honesty I've tried to avoid them.

The great advantage of taking medicine is that it makes no demands on the taker beyond that of putting up for a moment with a disgusting taste, and that is what all patients demand of their doctors—to be cured at no inconvenience to themselves.

make no demands on sb. beyond that of doing sth.

I make no demands on you beyond that of studying hard.

I make no demands on you beyond that of quitting smoking.

I make no demands on you beyond that of not nagging at me.

demand sth. of sb.

He demands little of others but a lot of himself.

Perhaps, some scientists thought, migrants determine their geographic position on Earth by celestial navigation, almost as human navigators use stars and planets, but this would demand of the animals a fantastic map sense.

at one's convenience

at one's earliest convenience



Lesson 29 The hovercraft

cushion ['kʊʃn]

n. 软垫，靠垫；垫状物；缓冲

cushion n. 1. a cloth bag filled with soft material that you put on a chair or the floor to make it more comfortable 软垫，靠垫

a velvet cushion

a cushion cover

cushion n. 2. a layer of sth. between two surfaces that keeps them apart
垫状物

A hovercraft rides on a cushion of air.

cushion n. 3. sth. that protects you against sth. unpleasant that might happen 缓冲

cushion against ...

His savings were a comfortable cushion against financial problems.

cushion n. 4. the soft rubber edge of the table used for playing billiards or snooker (台球台内侧边缘的) 弹性衬里

sensation [sen'seɪʃn]

n. 轰动；感觉



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sensation n. 1. state of great surprise, excitement, interest, etc among many people 轰动

cause a sensation

News of his arrest caused a sensation.

The first tests on the Solent in 1959 caused a sensation.

sensation n. 2. a feeling that you get from one of your five senses, especially the sense of touch 感觉（尤指触觉）

One sign of a heart attack is a tingling sensation in the left arm.

This is supposed to induce pleasurable sensations in the elephant, and its effects are reinforced by the use of endearing epithets.

sensational adj. 轰动性的

a sensational discovery

The affair was the most sensational political sex scandal of the century.

“sens” / “sent” = to feel

sensation sensational

sense n. 感觉，知觉；意义

sensitive adj. 敏感的

sensual adj. 肉体上的；性感的

sentiment n. 情绪，感情

sentimentality n. 多愁善感

assent v. & n. 同意，赞成



consent v. & n. 同意，赞成

consensus n. 共识

dissent n. 异议，反对；v. 持异议，不同意

resent v. 怨恨，憎恨

resentment n. 怨恨，憎恨

presentiment n. 预感，凶兆

plantation [plɑ:n'teɪʃn]

n. 种植园，农场

plantation n. a large area of land in a hot country, where crops such as tea, cotton, and sugar are grown (尤指热带国家的) 种植园，农场

a banana plantation

plantation workers / owners

“plant” = to plant (种植); plant (植物)

plantation n. 种植园，农场

plant n. 植物；工厂；设备；v. 种植；栽赃

implant v. 灌输（思想）；在身体某部位植入

implantation n. （思想）的灌输；（医）植入

plantlet “let”=small n. 小植物，植物幼苗

transplant “trans”=across v. & n. 移植（植物）；移植（器官）

transplantable adj. （植物或器官）可移植的



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Many strange new means of transport have been developed in our century,
the strangest of them being perhaps the hovercraft.

大 形 年 新 颜 国 材 用 + 中心名词

一张新的很沉的黑色的中国式的圆形的大木餐桌

a heavy big round new black Chinese wooden dining table

a little white lamb

small black boxes

a nice cup of tea

a beautiful stretch of field

a stagnant pool of water

great lengths of drill pipe

strange new means of transport

a nice big bar of chocolate

transport n. [U] (US transportation) 交通，交通工具

A lot of people object to mobile phones, especially when they are used in
public places like restaurants or on public transport.

Food, clothing, shelter, and transportation are daily necessities.

develop v. to design or make a new idea, product, system etc. over a
period of time 研制，设计，开发

Scientists are developing new drugs to treat arthritis.

He claims that several countries have developed nuclear weapons



secretly.

The village seemed deserted, the only sign of life *being* an ugly-looking black goat on a short length of rope tied to a tree in a field nearby.

造句：苹果公司 (Apple Inc.) 研制出了很多有趣的新产品，其中最成功的可能就是 iPhone 了。

Many interesting new products have been developed by Apple Inc., the most successful of them being perhaps the 'iPhone'.

In 1953, a former electronics engineer in his fifties, Christopher Cockerell, who had turned to boat-building on the Norfolk Broads, suggested an idea on which he had been working for many years to the British Government and industrial circles.

electronics n. 1. [U] the scientific study of electric current and the technology that uses it 电子学

a degree in electronics

the electronics industry

an electronics engineer

electronics n. 2. [pl.] electronic equipment 电子设备

Weather can interfere with a car's electronics.

in his fifties

in his early fifties

in his mid-fifties



in his late fifties

turn to sth.: to devote or apply oneself to something, as to a field of study
致力于.....

Unsuccessful in mathematics, the student turned to biology.

Norfolk n.诺福克郡 a county in eastern England, consisting mainly of rather flat farmland and some lakes called the Norfolk Broads (诺福克郡的布罗兹湖区), where many people spend holidays sailing in small boats or barges.

industrial

industrious

circle n. a group of people who know each other and meet regularly, or who have similar interests or jobs (有共同兴趣、职业等的人形成的)
圈子, 阶层, 界

It was the idea of supporting a craft on a 'pad', or cushion, of low-pressure air, ringed with a curtain of higher pressure air.

craft n. 1. [pl. craft] a boat or ship 船舶

We passed several other craft on the river.

craft n. 2. [pl. craft] an aircraft or spacecraft 航天器, 宇宙飞船

The astronauts piloted their craft down to the lunar surface.

pad n. a thick flat object made of cloth or rubber, used to protect or clean sth., or to make sth. more comfortable 垫

pad of ...



Press on the wound with a large pad of cotton wool.

ring v. to surround sth. 包围，环绕

Armed police ringed the hijacked plane.

be ringed with sth.

Her eyes were ringed with black lashes.

curtain n. a thing that covers, hides or protects sth. 掩蔽物，覆盖物，防护物

curtain of ...

a curtain of fog / smoke

They could see nothing through the curtain of rain.

Ever since, people have had difficulty in deciding whether the craft should be ranged among ships, planes, or land vehicles—for it is something in between a boat and an aircraft.

ever since adv. & prep. & conj. continually since that time 从那以后，一直.....

The big clock which used to strike the hours day and night was damaged many years ago and has been silent ever since.

Assuming that his family had been killed during an air-raid, Hans settled down in a Village fifty miles away where he had remained ever since.

There are countless people who, ever since their early years, have learned to associate snails with food.



He has been depressed ever since he got divorced.

have difficulty (in) doing sth.

have trouble (in) doing sth.

have a hard time doing sth.

We had no difficulty (in) finding the house.

I had some trouble (in) reading his letter. His handwriting is very bad.

She had a hard time writing the dear John letter.

range v. (fml.) to assign to a category, classify 归类，分类

in between adv. & prep. = between

I lost my keys somewhere in between the car and the house.

One town ends where the next begins and there's a road that runs in between.

As a shipbuilder, Cockerell was trying to find a solution to the problem of the wave resistance which wastes a good deal of a surface ship's power and limits its speed.

His answer was *to lift the vessel out of the water by making it ride on a cushion of air, no more than one or two feet thick.*

no more than 仅仅，只不过

We were standing no more than 10 meters away from the scene of the crime and we didn't realize it.

When one seriously studies the social orders that have had the



opportunity to develop autonomously, the figure becomes no more than an exact and matter-of-fact observation.

not more than 最多……，不超过……

She is not more than thirty.

no less than+数词+计量名词(时间；距离；金额)

“足足有……；有……之多”

not less than+数词+计量名词(时间；距离；金额)

“至少有……；不少于……”

no fewer than+ 数 词 + 普 通 名 词

“足足有……；有……之多”

not fewer than+数词+普通名词 “至

少有……；不少于……”

nothing but ... 只，只有

He had nothing but a cup of tea this morning.

William S. Hart was, perhaps, the greatest of all Western stars, for unlike

Gary Cooper and John Wayne he appeared in nothing but Westerns.

I have heard of writers who read nothing but their own books; ...

nothing more than (贬义) 只不过是

He dismissed Bryan as nothing more than an amateur.

This is done by a great number of ring-shaped air jets on the bottom of the craft.



-shaped suffix used with many nouns to make adjectives describing the shape of something形状的

a V-shaped collar

an L-shaped room

a heart-shaped leaf

a crescent-shaped scar

oddly shaped forms

several curiously shaped bits of metal

a large curiously shaped bottle

jet n. a narrow stream of liquid or gas that comes quickly out of a small hole, or the hole itself 喷射；喷嘴

to clean the gas jets on the cooker

She soaped herself beneath the refreshing jets of water.

It 'flies', therefore, but it cannot fly higher—its action depends on the surface, water or ground, over which it rides.

The first tests on the Solent in 1959 caused a sensation.

Solent: A narrow channel between the Isle of Wight and the southern mainland of England. The Solent provides access to the port of Southampton. 苏伦特海峡

The hovercraft travelled first over the water, then mounted the beach, climbed up the dunes, and sat down on a road.



mount v. 1. go up, ascend 登上

He mounted the platform and addressed the crowd.

A car suddenly mounted the pavement to avoid a vehicle coming in the opposite direction.

mount v. 2. to fix sth. into position on sth., so that you can use it, look at it or study it 将某物固定住 (以备使用、展示或研究)

Triple gun-decks mounted sixty-four bronze cannon.

mount v. 3. to increase gradually 逐渐增加

The death toll continues to mount.

This modern faith in medicines is proved by the fact that the annual drug bill of the Health Services is mounting to astronomical figures and shows no signs at present of ceasing to rise.

mount v. 4. get onto or put sb. onto a horse, etc. for riding (使) 骑上马等

He quickly mounted his horse and rode away.

He mounted the boy on the horse.

The policemen were mounted on black horses.

Two assistants, mounted on tame elephants, control the captive from either side, ...

Later it crossed the Channel, *riding smoothly over the waves, which presented no problem.*

be / pose / present a problem (for ...)



Racial tensions in the south of the city pose a real problem for the police.

The high rate of inflation presents a serious problem for the government.

be / pose / present / constitute a hazard (to ...)

be / pose / present / constitute a threat / menace (to ...)

Since that time, various types of hovercraft have appeared and taken up regular service.

take up v. start or begin sth, esp. a job 开始（某种工作等）

She has taken up a job as a teacher.

service n. [U] used to talk about whether a piece of equipment, a vehicle etc. is available to be used, or how long it can be used （设备，交通工具等）被使用，得到使用

These trains have been in service for many years.

The escalator is still out of service.

Steel tools can give good service for years.

The hovercraft is particularly useful in large areas with poor communications such as Africa or Australia; it can become a 'flying fruit-bowl', carrying bananas from the plantations to the ports; giant hovercraft liners could span the Atlantic; and the railway of the future may well be the 'hovertrain', riding on its air cushion over a single rail, which it never touches, at speeds up to 300 m.p.h. —the possibilities appear unlimited.



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communications n. [pl.] roads, railways etc that are used for travelling and sending goods 交通

Paris has good communications with many European cities.

Its commercial success as a city is partly due to its excellent rail and road communications.

fruit bowl n. A fruit bowl is a large bowl in which fruit is kept and displayed. 果盘

liner n. a large ship for passengers 客轮，班轮

The tragic sinking of this great liner will always be remembered, for she went down on her first voyage with heavy loss of life.

span v. to stretch right across sth, from one side to the other 跨越，贯穿
a series of bridges spanning the river

may / might / could well ... used to say that sth. is likely to happen or is likely to be true （某事）可能（发生或是真的）

Another patient might equally well complain that her neighbours were combining to slander her and persecute her, and yet one might be cautious about believing this statement.

Over the years one may well become an authority on one's hobby and will very probably be asked to give informal talks to little gatherings and then, if successful, to larger audiences.



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Apart from moral considerations this is a stupid method of training, for it produces a resentful animal who at a later stage may well turn man-killer.

possibilities n. [pl.] capability of being used or improved, potential 潜在价值，潜力

The house is very dilapidated but it has possibilities.

He was the first to see the possibilities of the plan.

unlimited adj. as much or as many as is possible, not limited in any 无限的，无穷的

Demand for health care appears virtually unlimited.

This new technology opens up almost unlimited possibilities.

Lesson 30

Exploring the sea-floor

navigation [7nævɪ'geɪʃn]

n. 航海

The channel now is open to navigation.

aviation

an electronic navigation system

navigate

navigate by the stars

You drive and I'll navigate.



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“nav” / “nau” = ship

navy naval nausea nauseate

nautical nautical chart / mile

aeronautics astronautics

Beijing University of Aeronautics and Astronautics

expedition [7ekspə'dɪʃn]

n. 远征，考察，探险

They went on an expedition to the South Pole.

trip a trip around the world

on a fishing trip

journey on a journey

travel

We met some very interesting people on our travels in Thailand.

tour

President Xi Jinping is on a five-nation tour.

outing go on an outing

excursion

We're going on a day excursion to the Badaling Great Wall.

cruise / voyage

on a cruise / voyage



pilgrimage

He makes / goes on a pilgrimage to Mecca every year.

magnitude

['mægnɪtju:d]

n. 巨大，重大，重要性

magnitude n. great size or importance of something

We didn't realize the magnitude of the problem.

a harvest of magnitude

This is a world crisis of considerable magnitude.

“magn” = great

magnify

magnate

a financial / literary magnate

magnanimous

magnanimity

magnificent

magniloquent

topography [tə'pɒgrəfi]

n. 地形，地形学

“graph(y)” = write

photograph

telegraph

autograph

geography



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topography

biography

autobiography

demography

bibliography

calligraphy

crust [krʌst]

n. 地壳

crust

the earth, bread, pie, pizza, cake ...

shell

egg, nut, tortoise ...

tableland ['teɪblænd]

n. 高地

tableland n. a flat, elevated region 高地

plateau

the Qinghai-Tibet Plateau

plain

the North China Plain

basin

the Tarim Basin

savannah

prairie

grassland

the Inner Mongolian Grassland



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terrace

sediment ['sedɪmənt]

n. 沉淀物

a thick layer of sediment

“sed” = sit

sedate a sedate village sedative

sedentary a sedentary occupation

sedulous a sedulous researcher

erode [ɪ'rəʊd]

v. 侵蚀，腐蚀

Wind and rain have eroded the statue.

Rising domestic prices will erode China's competitiveness.

eat / wear away

The stones are being eaten / worn away by the river.

corrode

Acid corrodes metal.

Our knowledge of the oceans a hundred years ago was confined to the two-dimensional shape of the sea surface and the hazards of navigation *presented by the irregularities in depth of the shallow water (close to the*



land).

confine ... to ...

This attitude seems to be confined to the upper classes.

restrict ... to ...

Our knowledge of the oceans a hundred years ago was restricted to the two-dimensional shape of the sea surface ...

be confined to ...

After the operation, she was confined to bed for a week.

Although confined to a wheelchair, she was very active in social life.

be a health / safety / fire / traffic hazard

be / present / pose / constitute a hazard to

The busy traffic entrance is / presents / poses / constitutes a hazard to pedestrians.

hazardous

peril

perilous

The ship was in grave peril.

(in) jeopardy

A miner's life is often in jeopardy.

The industrial depression put many men's jobs in jeopardy.



be / present / pose / constitute a threat / menace to ...

Inflation may pose a potential threat to China's social stability.

Religious extremism constitutes a grave menace to the security and stability in the region.

The open sea was deep and mysterious, and anyone who gave more than a passing thought to the bottom confines of the oceans probably assumed that the sea bed was flat.

give thought / consideration to sth.

passing adj. brief and not serious

a passing thought / glance / craze

It is impossible to make more than the wildest guess at how many they kill, ...

confines n. limits 范围

It did not, however, remain within the confines of his estate.

Some debaters weaken their case by assuming too much.

postulate

Ptolemy postulated that the Earth was at the center of the universe.

presume

From the way they talked, I presumed that they were a couple.

suppose

Sir James Clark Ross had obtained a sounding of over 2,400 fathoms in



1839, but it was not until 1869, when H.M.S. Porcupine was put at the disposal of the Royal Society for several cruises, that a series of deep soundings was obtained in the Atlantic and the first samples were collected by dredging the bottom.

H.M.S. (HMS)

Her / His Majesty's Ship

at one's disposal / at the disposal of sb. 归某人使用

He put / placed his house at my disposal during my holiday.

It was not until ..., when ..., that ...

造句：直到 1949 年毛主席宣布 (proclaim) 中华人民共和国成立，中国人民才最终获得了解放 (achieve liberation) 并且成了国家的主人 (master)。

It was not until 1949, when Chairman Mao proclaimed the foundation of the People's Republic of China, that the Chinese people finally achieved liberation and became masters of the country.

Only then did he realize he was wrong.

It was only in 1869, when H.M.S. Porcupine was put at the disposal of the Royal Society for several cruises, that a series of deep soundings was ...

It was only when H.M.S. Porcupine was put at the disposal of the Royal Society for several cruises in 1869, that a series of deep soundings was ...



Shortly after this the famous H. M. S. Challenger expedition established the study of the sea-floor as a subject worthy of the most qualified physicists and geologists.

shortly after ...

shortly before ...

shortly afterwards

establish ... as ...

He had established himself as a musician by the 1980s.

Zheng He's seven expeditions established China as the world's top naval power.

be worthy of ...

be worthy to do / to be done

be worth n. / doing

The day when Beijing won the right to host 2008 Olympic Games is worth being celebrated. X

The day when Beijing won the right to host 2008 Olympic Games is worth celebration / celebrating. ✓

The day when Beijing won the right to host 2008 Olympic Games is worthy of celebration / to be celebrated. ✓

qualified

a qualified doctor / architect



qualify

I qualified as a doctor from Peking University last year.

She doesn't qualify for maternity leave because she hasn't been in her job long enough.

authorize sb. to do

UN does not authorize US to use force against Iraq.

authorization

US waged war on Iraq without UN authorization.

A burst of activity associated with the laying of submarine cables soon confirmed the challenger's observation that many parts of the ocean were two to three miles deep, and the existence *of underwater features of considerable magnitude*.

One more bite, and I'll burst.

The buds are all bursting.

burst into tears / laughter / song

burst out crying / laughing / singing

a burst of sth.

a burst of speed / laughter / anger / activity

He showed that the average individual's sleep cycle is punctuated with peculiar bursts of eye-movements, some drifting and slow, others jerky and rapid.



Today, enough soundings are available to enable a relief map of the Atlantic to be drawn and we know something of the great variety *of the sea bed's topography*.

be available to do

Funds are available to assist teachers who want to attend the conference.

My professor is always available to talk to her students.

know ... about / of ...

I don't know anything about this.

Not much is known about his background.

You know nothing of this business.

Since the sea covers the greater part of the earth's surface, it is quite reasonable to regard the sea floor as the basic form of the crust of the earth, with, superimposed upon it, the continents, together with the islands and other features of the oceans.

it is (quite) reasonable / legitimate / justifiable for ... to do

It is quite reasonable for China to demand Japan to thoroughly rethink the Yasukuni Shrine issue.

It's all very well for ... to do

It's all very well for such things to occur in fiction.

... with, superimposed upon it, the continents, together with the islands and other features of the oceans.



... with the continents, together with the islands and other features of the oceans superimposed upon it.

superimpose A on / upon B

(with) + n.+ 非谓语

It is possible that upon such an occasion a battle ensued, with the sharks being driven away or killed.

The continents form rugged tablelands which stand nearly three miles above the floor of the open ocean.

The tower stands 20 meters.

measure

The bed measures 2 meters in length / long.

The tower stands 20 meters.

measure

The bed measures 1 meter in width / wide.

weigh

The boy weighs 50 kilos.

From the shore line, out to a distance which may be anywhere from a few miles to a few hundred miles, runs the gentle slope of the continental shelf, *geologically part of the continents*.

There was a path running through the middle of the forest.

表示位置或次序的状语置于句首，只要满足两个条件，要用全部倒装。



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1、主语不是代词。

2、谓语动词不是及物动词。

On the hill stands a temple.

= A temple stands on the hill.

In came Miss Green.

= Miss Green came in.

Out he went. ✓

Out went he. X

On the hill John saw Mary. ✓

On the hill saw John Mary. X

Now comes your turn.

Next came a horse.

geology

geography

geometry

The real dividing line between continents and oceans occurs at the foot a
steeper slope.

Minerals occur in the earth's crust.

exist / be found

Vitamin C is found in citrus fruit.



Pumas are large, cat-like animals which are found in America.

be

Such terrible suffering should never be.

obtain

Conditions of extreme poverty now obtain in many parts of the country.

lie in sth.

The difficulty lies in providing sufficient evidence.

My main interest lies in the development of new technology.

lurk

I saw someone lurking in the bushes.

This continental slope usually starts at a place somewhere near the 100-fathoms mark and in the course of a few hundred miles reaches the true ocean floor at 2,500-3,500 fathoms.

The slope averages about 1 in 30, but contains steep, probably vertical, cliffs, and gentle sediment-covered terraces, and near its lower reaches there is a long tailing-off which is almost certainly the result of material *transported out to deep water after being eroded from the continental masses*.

average

The airport averages about a thousand flights a month.

1 in 30: a / one thirtieth



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vertical / perpendicular

horizontal

circuitous / tortuous

The road is tortuous, but the prospects are bright.

“名词+分词” 构成形容词

insect-eating animals

time-consuming advice

hand-made silverware

state-owned enterprises

flower-selling girls

law-abiding citizens

man-eating societies

epoch-making masterpieces

town-bred children

the outer reaches of the forest

the upper reaches of the river

the lower reaches of the river

the upper reaches of the government