

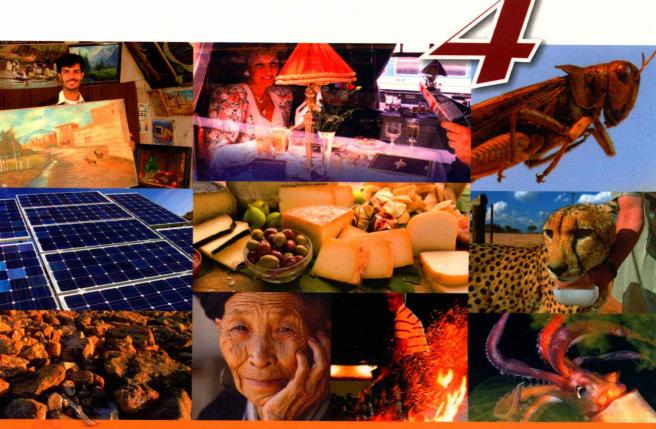


全新版大学英语

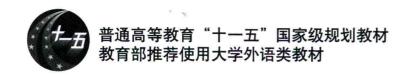
New College English Watch, Listen and Read Student's Book

视听阅读 学生用书

主编 美方 Rob Waring 中方 李霄翔







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主 编 美方 Rob Waring 中方 李霄翔

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《全新版大学英语视听阅读》是一套根据美国国家地理(National Geographic)视听素材改编而成的创新型大学英语教材,由上海外语教育出版社、美国国家地理和圣智学习出版公司(Cengage Learning)联合开发出版。本套教材以教育部颁布的《大学英语课程教学要求》为指导,在教材设计、选材和编写中力求准确把握大学英语教学的性质和目标,努力体现大学英语教学中以听说技能为先导、其他技能跟进的教学指导思想。它所采用的将视听说与阅读技能融为一体的教材设计,旨在探索一条教材编写新路,创新教学模式,从而提高教学的绩效。

《全新版大学英语视听阅读》是为我国普通高校大学生设计和编写的, 共 6 册, 每册 10 个单元。与同类教材相比,它具有以下几个显著的特点:

- 1. 编写体例创新。它将英语视听说技能培训与阅读技能培训融为一体,力求从编写思想、素材选编、练习设计和版面设计上反映当代外语教育的最新研究成果,兼容并蓄各学术流派所提出的有益的教学理念和原则。针对我国大学英语教学和考核要求,本套教材既体现当前英语教学中融多种技能为一体的整体性教学原则,又在语言技能训练中突出视听说技能,以弥补目前大学生入校前在英语视听说技能训练方面的不足。学习主题和内容的高度关联方便了英语训练中各种技能的有机转换,同时也可借助于与视听说主题一致的阅读素材,既保持视听说素材的真实性和原有风味,又可有效降低视听说素材的难度,起到了积极的协调和辅助作用。本套教材新颖独特的体例设计,为教学方法论的探究提供了方便。在处理视、听、说与读的关系时,既可以视听为导入,以研究项目式的"做中学"和"视听说相连,层层深入"为目标,也可以"读听说相辅,多种技能共同推进"。阅读教学过程可以作为视听说的导入,也可以作为视听说的温习与强化。可以针对不同的学生群体和学习目标灵活安排不同的教学活动。
- 2. 题材广泛,内容丰富。本套教材针对我国大学生的社会生活经历和知识结构,广泛地选取了具有较强知识性、趣味性和针对性的视听和配套

的文字素材,主题涉及中外文化、天文地理、历史名胜、科技探索、自然生态、风土人情、生活常识、名人轶事等各个层面。题材的趣味性和多样性增强了学习素材的可视、可听和可读性,同时也可以有效地激发学生学习的积极性,有利于学习者借助于本教材这样一个窗口,拓展生活视野,丰富生活经历。

- 3. 高质量的语言素材,原汁原味的语境呈现。本套教材在选材内涵丰富的基础上,十分注重语言的表述和场景的呈现技巧。鲜活生动的语言加上优美的画面和纯正的语音,将学生带入一个异域的环境,这种身临其境的感觉将会有效地调动学生多种认知感官,促进多种语言认知策略的形成和发展,在感官和心理上有助于充分激发和维系学生的好奇心、求知欲和模仿内驱力,使得教学活动沉浸在一种既有挑战又有享受的氛围中。
- 4. 良好的梯度,有机的衔接。本套教材采用词汇控制的方法均衡各册内容的难易度,各册教材的中心词(headword)词汇量分别为:基础1:1300;基础2:1600;第1册:1900;第2册:2200;第3册:2600;第4册:3000。每册教材词汇覆盖面按梯度递增,6册教材呈现出合理的梯度和有机的承接与递进。全套教材的语速基本上保持了均衡的速度,这一方面是借鉴了交际教学法的原则,保持了语言的真实性,有利于缩短英语学习与应用之间的距离;另一方面通过词汇控制手段、视频辅助理解和文本阅读等方法,有效降低视听难度,保证了对原汁原味语言的学习、模仿和应用。
- 5. 多种技能训练层次分明,形式多样。本套教材练习设计体现了不同技能采用不同训练方法、突出技能转换和教学互动的三大原则。练习整体框架参照建构主义的认知原理,由多种手段辅助主题引入,体现"高质量输入为先,吸收消化为重,互动式输出为主"的练习设计指导思想。在理解环节上,遵循由总体理解向细节理解过渡;在练习环节上,体现"控制型向半控制型再向自由式"逐层递进;在信息流的流向上,由视频、音频和文本所提供的信息流向学习者,学习者不再是被动地接受信息,而是通过多种形式的交互活动,既分享教师指导下由教材所提供的信息,又参与信息的反馈、评价与补充和完善活动,充分体现教师主导和学生主体的作用。形式多样的交互式练习旨在将英语语言基础知识学习、语言应用技能训练和影响到交际效能的文化背景知识介绍有机地融合在一起,突出语言的交际语境和实用的功能意念,在强化语言基本功训练的同时,又注重语言交际技能的培养和训练,力求使英语学习做到学用结合,学以致用,学后会用。

6. 每册教材均附有含视听和语音素材的光盘。本套教材的编排图文并茂,图解文意,新颖独特。音视频资料具有很高的专业水准,令人耳目一新,给人以美的享受。视听和语音素材均提供美音和英音两种选择,有效满足不同学习者的学习和训练需求。

需要指出的是,本套教材印刷文本上的词汇拼写和表达以美式英语为准,美音的录音与印刷文本完全一致,但英音是基于英式表达来录制的,所以会出现英音中的某些表达与印刷文本不一致的情况,请注意区别。如:第1册第1单元的carry-on在英音中用hand luggage。

7. 每册教材均配有教师手册。

由于编者的水平有限,本套教材的不足之处在所难免,恳请各位专家、同仁和广大读者多提宝贵意见。

编者 2010年4月于南京

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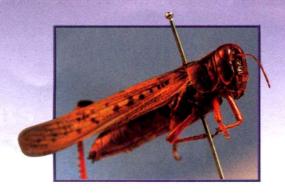
The Perfect SWARM



This story is set in the central and western U.S., particularly in the states of Texas, Oklahoma, Kansas, Nebraska, North and South Dakota, and Wyoming as well as the Rocky Mountains.

In the 1800s, the Rocky Mountain locust brought massive destruction to Western settlers. Then, the insects suddenly disappeared — almost without a trace. Now scientists hope to find a reason for the locust's extinction. What caused the Rocky Mountain locust to disappear? Where will the scientists find the answers?





Locusts! Read the paragraph. Then match each word with the correct definition.

Many places in the world regularly experience plagues of locusts that can devastate entire countries. Locusts move in huge swarms, invade entire regions, and usually consume everything in their path. One swarm of locusts containing trillions of individual insects can eat thousands of tons of vegetation a day. Locusts are one of the world's most destructive insects, but they themselves are sometimes destroyed. In the 1800s, for example, the Rocky Mountain locust mysteriously became extinct.

1	A 1,000,000,000,000
1. plague	A. 1,000,000,000,000
2. locust	B. no longer in existence
3. devastate	C. cause extreme damage
4. swarm	D. any widespread cause of misery, suffering, or death
	E. a large group, usually of insects
5. trillion	F. the plant covering an area
6. vegetation	G. an insect noted for flying in large groups and destroying
7. extinct	crops

The Rocky Mountain Locust Mystery. Read the paragraph. Then complete the definitions with the basic form of the <u>underlined</u> words or phrases.

Dr. Jeff Lockwood is an <u>entomologist</u> who is particularly interested in the disappearance of the Rocky Mountain locust. The species was mysteriously <u>wiped out</u> in the late 1800s and there aren't many <u>clues</u> as to why it happened. By studying locust <u>specimens</u> under a <u>microscope</u> and by taking <u>DNA</u> samples from the dead locusts, Lockwood aims to find out why the Rocky Mountain locust suddenly disappeared from Earth.

•••	, the receipt meantain receipt dudicing aloupped to mem zatur
1.	a thing or fact that helps provide an answer to a question; evidence:
2.	a person who studies insects:
3.	an item that is an example of a larger group:
4.	destroy completely; cause to no longer exist:
5.	a scientific instrument that uses lenses to make small objects appear larger:
6.	the material that carries the genetic information in the cells of each living thing:



Part 1			
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This part focuses on the types of the Rocky Mountain locust. Locusts exist on all continents. An unbelievable event happened in 1875 when weather conditions helped to create the "perfect swarm." The "perfect swarm" caused extensive damage to the vegetation. The worst storm disappeared in a few hours. Locusts could hurt people physically and emotionally. II. Watch again. Fill in the blanks with the missing information. This part is mainly about the history and the present situation of the Rocky Mountal locust in (1)				
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III. Oral work. Work with your partner. Make an interview between a news reporter and a person				
who witnessed the perfect swarm. Ask and answer questions about the disaster. The witness				
who will book a the portion owarm. The karla arrower questions about the disaster. The will be				
should try to explain and act out what he or she had seen, heard and felt.				
Useful expressions				
What did you see? What did you hear?				
What did you do? Why did you run back to your home?				
How did you feel? How about the other people?				
Locusts				
coming down from the sky like hail; looking with hungry eyes; turning this way and that;				
blocking the sun; bringing darkness; claws digging into their skin and hung upon the				
clothing				
People				
screaming into their homes; hearing sharp cracks as the insects came underfoot				



I.	Watch part 2. Choose the true stateme	nts about the Rocky Mountain locust.
	The Rocky Mountain locust died tidal waves and forest fires.	d as a result of a tremendous series of earthquakes,
	The extinction of locusts rema	ins a mystery in the history.
	The reason why the Rocky Mo Dr. Jeff Lockwood is interested	ountain locust became extinct is not something lin.
	There are few locust specimen	is and they are not in good condition.
	Strong winds would sweep sw	arms of locusts high into the mountains.
	Locusts suffered a long and slo	ow death.
	Locusts suffered a sudden den	nise.
	The whole body of a locust is	found in the ice.
II.	Watch again. Answer the following ques	tions in five words or less.
	1. How many years has Dr. Jeff Lockw	ood spent on the mysterious phenomenon?
	2. What did the extinction of the Rock	ky Mountain locust change?
	3. In what condition are the few locus	et specimens?
	They are often	
	4. How would locusts die in the Rock	
	They would	·
	5. Where did Dr. Lockwood find the lo	ocust specimen?
	On	of the mountain.
III.		asons why Dr. Jeff Lockwood leads his team to the u've learned in this part and the expressions below.
	Useful expressions	
	very few locust specimens exist and th	ney are in bad condition
	a body of evidence of the victim in its	dying moments
	what the life of the victim looked like	when it was flourishing
	a major set of clues is locked up in the	ice
	extracting DNA samples from specimen	ns

specifying exactly what caused the extinction of the insects



I. Watch part 3. Put the following statements	in the correct order.
 A. Extract DNA samples. B. Ensure the locusts they have are the rice. C. Take the locusts back to the laborator. D. Find signs that the locusts didn't die of the locusts. E. Realize the importance of looking at the locust. F. Conclude there must be some other for the locust. ()→()→()→()→()→()→ II. Watch again. Fill in the blanks in the table of the locusts. 	y to examine them more closely. If old age. The species at the time of its weakest link. The species are the sudden death. If or continuous to the sudden death.
How did they know they had the Rocky	It was an exact
Mountain locust?	
How do the locusts generally behave?	They're generally and remain
What do the locusts look like when they are	They change completely into some kind of
annoyed?	destructive
What happens to their wings and legs when they are angry?	They grow
What fact does the DNA test indicate?	They didn't over a long period of time.
each sentence after it is spoken twice. Then 1.	five sentences selected from the video. Repeat n write the sentences.
2	
3	
4.	
5	



I.	Wa	atch part 4. Choose the best answer to each	ch of the following questi	ons.			
	1.	Where did the Rocky Mountain locust la	y its eggs?				
		A. In the forest of the mountains.	B. On the top of the m	ountains.			
		C. In the river valleys of the mountains.	D. In the farm land nea	ar the mountains.			
	2.	Which of the following is NOT mentioned	d as being prosperous	in the late 1800s?			
		A. Silver industry. B. Coal industry.	C. Gold industry.	D. Agriculture.			
	3.	Who was mainly responsible for the exti	nction of the Rocky Mo	ountain locust?			
		A. The farmers. B. The miners.	C. Locusts themselves.	D. The government.			
				ق.			
II.	Wa	atch again. Complete the following sentend	es with the missing wor	ds.			
	1.	Now, after years of,	Lockwood may finally	be able to solve the			
		mystery of why the Rocky Mountain loc					
	2. The major area of the Rocky Mountain locust had become a bus						
	and place.						
	3	By not allowing the eggs to	into full grown	locuete the enecies			
	υ.		.	-			
		was destroyed at its v	weakest — when the his	sects were just eggs.			
Ш	loc	al work. Describe to your partner the exact recust. Then explain your feelings or make comstory.					
	Us	seful expressions					
	ga	ther in one particular region	gold and silver industries				
	th	e pioneer agriculturalist of the Rocky Mo	untain West				
	fee	ed the miners	plow up the fields				
	sta	amp out the delicate eggs	What a pity it is!				
	Th	nat's too bad!	It's just an accident				
	No	one should be blamed					

I. Watch the entire video. Choose the appropriate heading for each part.

Part 1	A. Dr. Lockwood finds the Real Cause of the Rocky Mountain Locust Extinction
Part 2	B. The Unthinkable Event in North America in the 1800s
Part 3	C. Dr. Lockwood's Confusion about the Cause of the Extinction
Part 4	D. Dr. Lockwood's Analysis and Introduction to Some Locust Facts

II. Oral work. Work with a partner. Describe the picture below. Use the information from the video and the expressions below.



Useful expressions

thousands of pioneers journeyed west across the U.S. in their covered horse-drawn wagons in search of free land wide open spaces new opportunities with their great expectation about their future life ...

III. Project. Form groups of three or four. Each group does research online or in the library on a kind of insect. Then each group fills in the following table and reports the findings to the whole class.

Insects	grasshopper	butterfly	dragonfly	cricket	bee	moth	beetle
How many types are there?					- 4 .	y.	
What does it look like?	entagn er Reginera s	iei kultu 85 grafiei Na deusur	ADE Jests	mando e mando es mando es			
Where does it live?							
What does it live on?	an Xb版 an Xb版 an Xb版						es and a Course
What can it do?		z)					
What benefits or harms does it bring to human beings?	Metro de gartiti	Child Carl Definition					SACES LUZUMO LOVEZO



The Perfect Swarm



- In parts of the world, such as West Africa, the damage from the swarms of locusts that can plague an area often reach disastrous proportions. At times, countries are attacked by billions of locusts, which can easily invade entire regions, greedily eating everything in sight. A single swarm of desert locusts can consume over 70,000 metric tons of vegetation a day, enough to feed 200 million people.
- 2 Locusts are one of the world's most destructive insects, and for some, they bring to mind images of terror and destruction. These seemingly harmless insects can have a devastating effect on a country's food reserves when appearing in large numbers.

- These disaster-causing insects can live almost everywhere in the world so they affect a large number of people; however, there is one continent where locusts don't exist at all.
- 3 At the present time, North America is the only continent on Earth that isn't home to the locust but, interestingly enough, this wasn't always true. For hundreds of years, the Rocky Mountain locust was a very common pest in the American West, causing massive destruction to crops and costly disturbances to agricultural economies. However, in the late 1800s, an extremely odd phenomenon occurred involving the Rocky Mountain locust. It's a case that has been recorded

several times in history by people who witnessed it, and without documentation, the event would seem almost unreal.

- 4 Back in the mid-1800s, thousands of pioneers journeyed west across the U.S. in their covered horse-drawn wagons in search of free land, wide open spaces, and new opportunities. They settled on the frontier of the western states, and began to farm the land intensively, growing corn and other crops. They struggled to earn a living from the soil and worked for days on end to break the earth into farmable fields using only horses, plows, and a lot of sweat.
- 5 Then in 1875, out of nowhere, a rare combination of air currents, drought, and basic biology produced the right conditions for an unthinkable event. It was the worst storm of its kind ever recorded: an enormous storm of locusts, the "perfect swarm." This huge mass of hungry insects came over the horizon like a strange, dark cloud. The cloud consisted of not millions, not even billions, but trillions of insects, sweeping through the land like a living tornado. Those who saw the incredible event and survived never forgot what they witnessed.
- 6 The swarm of locusts came together over the state of Texas, and soon moved quickly across the frontier in a huge destructive cloud that was nearly 3,000 kilometers long. When people saw the cloud appear in the sky, they were completely amazed, and then quite naturally became frightened. The farmers had never seen anything like the swarm before, and immediately began to run from the fields to their houses for shelter and safety.

- The storm of locusts kept moving and spread north from Texas to the areas now known as Oklahoma, Kansas, Nebraska, and South and North Dakota. The locusts eventually went as far west as the Rocky Mountains, leaving a path of devastation and destruction wherever they went. Thousands of farmers and pioneers were caught off guard as the swarm moved in, warned only moments before its arrival by the low, sickening drone of a seemingly infinite number of hungry insects.
- 8 An account from one person who observed the locust swarm described the event as if it were an actual storm. According to the observer, the locusts came downward heavily like hail, making loud noises as they fell to the earth. Frightened people ran screaming in terror into their homes as the locusts' claws dug into their skin and hung upon their clothing. As they ran, they left the fruits of hours of hard labor behind them to be eaten by the mass of eating machines, and the crops and fields were soon under attack.

pest /pest/ n. an insect that causes destruction or annoyance pioneer /,paiə'niə(r)/ n. one of the first people to enter new or undeveloped land to live and work there plow /plau/ n. a special farm implement used to turn over earth for planting crops drought /draut/ n. a period of little or no rainfall drone /draun/ n. a low, rhythmic sound hail /heil/ n. rain that freezes and falls as balls of ice claw /kla:/ n. one of the sharp nails on an animal's foot



9 While making their escape, the pioneers stepped on the locusts, hearing a sharp crack as the insects came underfoot. But no single group of people could diminish the unbelievable numbers of this insect invasion. The large insects were everywhere, looking with hungry eyes turning this way and that. Their bodies blocked the sun as they streamed through the Midwest, bringing darkness along with destruction. For the farmers, it was hopeless; hardly anything could be saved.

10 The crop damages resulting from this "perfect swarm" were absolutely astonishing, even by modern standards. If such destruction were to happen today it would cost an estimated \$116 billion U.S., a sum that is even more than the most costly hurricane in American history. Several agricultural regions were devastated, both economically and emotionally. Agricultural commodities became scarce, crops were wiped out, and many of the pioneers simply packed up and left having lost everything to the swarm. And then, something remarkable happened: the Rocky Mountain locust simply vanished.

11 For over 100 years, the disappearance of the Rocky Mountain locust from the U.S.

has been one of the biggest mysteries of the natural world. It's a highly unusual phenomenon for a species not to just diminish in numbers, but to actually vanish from the earth. The question of what exactly happened to the Rocky Mountain locust has become the subject of several researchers, and one man in particular has spent years of his life trying to solve the puzzle.

12 At the University of Wyoming, entomologist Dr. Jeff Lockwood has spent over a decade investigating exactly why the Rocky Mountain locust disappeared in the late 1800s. He describes what the swarm of Rocky Mountain locusts was like and attempts to help the people visualize the huge numbers of locusts that made up the swarm. "There were probably more locusts in the largest swarm than there are stars in the Milky Way — trillions," he reports.

13 Lockwood goes on to pose the question of why the locust became extinct, commenting that the usual straightforward reasons for extinction don't seem to be present in this case. "Not only is something of that scale and magnitude and power gone, but it's gone within a few years," he says. He then points out that no unusual events

vanish /'vænɪʃ/ vi. completely and unexpectedly disappear
Milky Way the area of more than 100 billion stars in which our Sun and Earth are located
magnitude /'mægnɪtju:d/ n. great size
flourishing /'flʌrɪʃɪŋ/ adj. doing well;
healthy
demise /dɪ'maɪz/ n. end or death
glacier /'glæsɪə(r)/ n. a large mass of ice
that slowly moves, usually down a mountain