专门用途英语课程系列

新时代大学学术英语综合教程 上册

学生用书

New Era Academic English Integrated Course

主编:韩金龙 崔岭

副主编:朱琳 刘汉鹏

编者: 崔岭 朱琳 刘汉鹏 时梅 肖锦银

上海外语教育出版社

Table of Contents

Unit 1 Food Science

Part	Academic Skill
Part I Reading	Reading:
1. Are Potatoes Now a Cancer Risk?	• Surveying an article
2. Not All Processed Foods Are Bad for You	Skimming and scanning
	Recognizing classification
	Vocabulary:
	• Prefixes (I): "con-" and "com-"
	• Prefixes (II): "en-" and "dis-"
	Translating:
	• Diction (I): grammatical clues
	• Diction (II): collocation clues
Part II Listening and Viewing	Listening:
1. Listening: Bananas Genetically Modified Not to Rot	Predicting the content
2. Viewing: Why I'm a Weekday Vegetarian	• Understanding main ideas: key words
Part III Speaking	Speaking:
	Opening a discussion
	Agreeing and disagreeing
Part IV Writing	Writing:
	Writing an introduction
	• Writing a thesis statement

Lead-in

Discuss the following questions.

- 1. What is your favorite food? Do you think it is healthy or not?
- 2. Describe a typical meal that you eat every day.
- 3. Can you cook? Do you prefer home cooking or eating out? Why?
- 4. Are you concerned about food safety?

Part I READING

Reading 1 Are Potatoes Now a Cancer Risk?

Before Reading

Pick from the list two factors you think most important when you choose food and explain to your partner.

a. price
b. appearance
c. freshness
d. packaging
e. taste
f. ingredients
g. cooking methods
h. place of origin

Are Potatoes Now a Cancer Risk?

Sam Wong

1 The UK Food Standards Agency (FSA) has launched a campaign warning of the cancer risk associated with cooking potatoes and other starchy foods at high temperatures. How worried should we be, and do we need to change the way we eat?

2 What's the problem?

In a word, acrylamide. This chemical is used in lots of industrial processes, including water purification, and to separate DNA molecules in experiments. Acrylamide is also found in some foods.

3 Which foods contain acrylamide?

Acrylamide is made by something called the Maillard reaction, which browns cooked foods and gives them their pleasing flavor. As sugars and amino acids react together, they produce thousands of different chemicals. Particularly high levels of acrylamide are found in starchy foods, like potatoes and bread, when cooked at temperatures over 120°C. The chemical can also be present in breakfast cereals, biscuits and coffee.

4 Is acrylamide dangerous?

In the body, acrylamide is converted into another compound, which can bind to DNA and cause mutations. Animal studies clearly show that acrylamide causes all sorts of cancers, but it's hard to relate this to us.

- 5 "Although evidence from animal studies has shown that acrylamide in food could be linked to cancer, this link isn't clear and consistent in humans," says Emma Shields, at charity Cancer Research UK.
- 6 It's much harder to study the effects of acrylamide in people, but there's no reason to think that it couldn't damage human DNA too. However, other lifestyle factors carry much more defined cancer risks. "It's important to remember that there are many well-established factors like smoking, obesity and alcohol, which all have a big impact on the number of cancer cases in the UK," said Shields.

7 What should we do?

"To be on the safe side, people can reduce their exposure by following a normal healthy, balanced diet — which includes eating fewer high calorie foods like crisps, chips and biscuits, which are major sources of acrylamide," says Shields.

- 8 And when frying, baking, toasting or roasting starchy foods, the FSA's advice is to "go for gold": aim for a golden yellow color or lighter.
- 9 But I like my roast potatoes brown and crispy!

10 Then you might do well to eat them less often. "It's those kinds of trade-offs we're encouraging people to just think about," says Steve Wearne of the FSA. "We're not saying to people to worry about the occasional meal that's a bit overcooked. This is about managing risk across your whole lifetime."

11 How else can we reduce the risk?

Don't keep raw potatoes in the fridge. At low temperatures, an enzyme breaks down the sugar sucrose into glucose and fructose, which can form acrylamide during cooking. Frozen food doesn't carry this particular risk, as sucrose doesn't get broken down at very low temperatures. You can also try blanching potatoes before frying. This removes half the sugar, resulting in lower levels of acrylamide.

12 In the future, safer potatoes may be available. Restaurants and the food industry are already being encouraged to use potato varieties that naturally produce less acrylamide. Now growers are looking to develop varieties that contain less asparagine, an amino acid that seems to be important for making the chemical.

(526 words)

 $(Adapted\ from\ \underline{https://www.newscientist.com/article/2118565-are-potatoes-now-a-cancer-risk-heres-what-you-need-to-know/)$

New Words and Expressions

生词级别标注说明

本书生词黑正体表示"基础目标"的词汇;★表示"提高目标"的词汇;▲表示"发展目标"的词汇; 负表示"Academic Word List(学术词汇表)"中的词汇;白正体表示超纲词汇。全书词汇的标注原则均遵照此体例、不另述。

launch /lɔ:ntʃ/ v. put into operation or set in motion 发动; 发起

starchy /'sta:t∫ r/ a. like or full of starch 含大量淀粉的; 似淀粉的

acrylamide /əˈkrɪləmaɪd/ n. 丙烯酰胺(含碳水化合物的食物经油炸后产生的一种化合物)

purification* /pjuərɪfɪ'keɪʃən/ n. the action or process of making pure 净化

DNA 脱氧核糖核酸(基因讯息的载体)

molecule /'mplɪkiu:l/ n. 分子

reaction[®] /rr'ækʃən/ n. a chemical change that occurs when two or more substances combine to form a new substance 化学作用

Maillard / 'meɪləd / reaction 美拉德反应(食品工业的一种非酶褐变,是还原糖类和氨基酸、蛋白质间的 反应)

flavor /'fleɪvə(r)/n. a quality that only the tongue can experience 味, 味道

amino acid /əˈmiːnəʊ ˈæsɪd/ 氨基酸, 氨酸

cereal /'sɪərɪəl/ n. a food made from grain, esp. one such as cornflakes that is eaten at breakfast in some countries (经加工的) 谷类食品 (尤指早餐时吃的玉米片等)

convert[®] /kən'vɜ:t/ v. cause to change into another form, substance, or state, or from one purpose, system, etc., to another 使转变; 使转化

compound /'kompaond/ n. a substance created when the atoms of two or more chemical elements join together 化合物; 复合物

bind /barnd/ v. combine with (sth.) by chemical forces (使)结合

mutation /mju:'teɪʃən/ n. (生物的) 突变; 突变体

charity /'t∫ærətɪ/ n. the act of giving money, food, or other kinds of help to people who are poor, sick, etc. 慈善; 赈济

factor[®] /'fækt $\sigma(r)$ / n. any of the forces, conditions, influences, etc., that act with others to bring about a result 因素

defined[®] /dr'faɪnd/ a. clearly described or marked 明确的;确定的

obesity[★] /əʊ'bi:sətɪ/ n. the state of being very fat in an unhealthy way 非常(过度)肥胖; 臃肿

impact[®] /'impækt/ n. an esp. strong or powerful influence or effect caused or produced by an idea, invention, event, etc. 影响, 作用

have an impact on have a strong impression or effect on 对…有影响(起作用)

to be on the safe side to be more careful or cautious than may be necessary 为了保险起见

exposure[®] /ɪkˈspəʊʒə(r)/ n. (a case of) being left without protection 暴露; 显露

Calorie /ˈkælerɪ/ n. a measure used to show the amount of heat or energy that a food will produce 卡(路里) (食物的热量单位)

crisp★ /krɪsp/ n. a thin piece of potato cooked in very hot fat, dried, and usu. sold in packets; potato chip 油炸 (马铃) 薯片

Source /sɔ:s/ n. a place from which sth. comes; means of supply 来源; 出处

roast /rəʊst/ v. cook (esp. meat) or be cooked by dry heat, either in front of an open fire or in an oven 烤 (肉等)

go for try to obtain or win 试图得到;争取获得,求得

crispy[★] /'krɪspɪ/ a. hard; dry; easily broken 脆的;易碎的;干而硬的

do well to do sth. be wise or use good judgment to do what one should do 最好还是做某事; 很明智做某事 trade-off /'treɪdɒf/ n. a balance between two (opposing) situations or qualities, intended to produce an acceptable or desirable result (在不能兼顾的两种因素之间作出的) 权衡; 协调

occasional /ə'keɪʒənəl/a. happening from time to time; not regular 偶尔的, 偶然的; 不经常的

overcooked /ˌəʊvəˈkʊkt/ a. being cooked too much or for too long time 烘烤过度的,蒸煮过度的

enzyme /'enzaɪm/ n. 酶(由生物体内活细胞产生的一种生物催化剂)

break down become separated or separate (sth.) into simpler substances (把…) 分解

sucrose /ˈsˌ/iuːkrəuz/n. 蔗糖

glucose /ˈgluːkəʊz/n. 葡萄糖, 葡糖

fructose /ˈfrʌktəʊz/ n. 果糖; 左旋糖

blanch /'bla:ntʃ/ v. put (vegetables, fruit, or nuts) into boiling water for a short time, usually in order to remove their skins, or to prepare them for freezing 焯 (把蔬菜、水果、坚果等放在沸水中略微一煮)

result in have as a result; cause 导致, 造成

asparagine /əˈspærədʒi:n/n. 天(门)冬酰胺(一种常见氨基酸,加热到足够高的温度时,可与还原糖或羰基在食物中反应,生成丙烯酰胺)

Proper Names

Sam Wong /sæm woŋ/ 塞姆·王 Emma Shields /'emə ∫i:ldz/ 爱玛·希尔兹

Steve Wearne /sti:v wo:n/ 斯蒂夫・沃恩

Global Reading

1. Study the reading skill in the box and work on the task below.

Reading Skill — Surveying an article

A quick survey of the reading material may help you become an effective reader. First, it allows you to decide whether or not this article is useful for your purpose. Second, it will improve your reading comprehension if you have a prior understanding of the article before reading it in detail. You can survey an article by:

- Looking at the title, subtitle and headings;
- Looking at the pictures and captions;
- Looking at the graphs or diagrams.

Survey the text and answer the following questions.

- 1) What is the text about?
- 2) Where would you possibly find this type of article?
- 3) Who is the target audience?

2. Study the reading skill in the box and work on the tasks below.

Reading Skill — Skimming and scanning

Skimming and scanning are the two different ways to help you read an article effectively.

If you skim a text, you can know how the information is organized and gain a general understanding of the main ideas.

If you scan a text, you read fast to try to locate specific pieces of information, such as a name, a date, a definition, or a number.

When you skim:

- Read the title, subtitle and section headings.
- Read the introduction and conclusion.
- Read the first / last sentence of several paragraphs.

When you scan:

- Read fast and DO NOT read every word.
- Locate the information based on what you have learnt from surveying and skimming.
- Stop when you spot the targeted information.

A. Skim the text and answer the following questions.

- 1) Is there an introduction?
- 2) How many parts are there?
- 3) Is there a conclusion?
- 4) What is the main idea of this text?

B. Skim and scan the text. Write down the correct section headings for the following information.

Information	Section heading
a) Store the potatoes at room temperature.	1)
b) Acrylamide may cause damage to human DNA.	2)
c) When cooking the food, it is advisable not to	3)
overcook them.	
d) Acrylamide has been identified in many foods such	4)
as potatoes, bread, biscuits and coffee.	

	ling to the LIK	Food Standards A	gency (FSA)	cooking notatoe	s and other starchy	y foods at high
	_		-		crylamide, a chemic	_
				_	y foods. It would b	
					ources of acrylamid	
frying.	risk by not keep	omg raw potatoes s	")		_ or by blanching	potatoes before
, ,						
_	_	atements are true	(T) or false (F). Correct the	false statements ar	nd give further
explanation 1) Acrylamic		dangerous chemica	1. (T / F)			
		e acrylamide in pot		e cancer in huma	ns (T / F)	
					lamide in the food r	nav increase
drasticall		ee as a ramer mgm		o uniounic or usig		ing moreuse
4) Bad habit	s in people's lif	estyle like smoking	g and drinking	can cause cancer	(\mathbf{T}/\mathbf{F})	
5) Putting po	otatoes in the re	frigerator is a good	way to store th	nem. (T / F)		
Critical Thi	<mark>nking</mark>					
Discuss the fol	llowing question	ns with your group				
1. There is a qu	uotation from S	teve Wearne of the	UK Food Star	ndards Agency (F	SSA) in the text: "W	e're not saying
to people to	o worry about t	he occasional meal	that's a bit ov	vercooked. This i	s about managing r	isk across your
whole lifett advice?	ime." Think ab	out the statement.	What message	e does Steve wa	ant to convey? Is h	ne offering any
2. The World I	Health Organiza	tion (WHO) makes	the following	recommendation	s for a healthy diet:	
• Eat rough	aly the same am	ount of calories tha	t your body is	using;		
• Limit inta	ke of fats, sugar	r, and salt;				
• Increase o	consumption of	plant foods, partici	ılarly fruits, ve	getables, whole g	grains and nuts.	
People all l	know the impor	tance of keeping a	balanced diet t	o our health. But	why are there still	so many people
who fail to	maintain a heal	thy diet in their live	es?			
Language I	Enhanceme	nt				
1. The words	in the box belo	w are either activ	e words or acc	ademic words m	arked in the Acade	emic Word List
(AWL). Cho	oose the most su	iitable one to comp	lete each sente	ence. Change the	e form where neces	sary.
	bind	compound	convert	defined	eynosure	
	UIII	compound	CONVERT	aciffica	exposure	
	factor	impact	launch	reaction	source	

2) Honey is basically a _____ of water, two types of sugar, vitamins and enzymes.

3)	Fish is a ric	eh of pro	tein, which is signi	ficant for one's g	growth and health	•	
4)	The engine electricity.	ers put up a series	of four connected	l tubes in the wa	ter to	wave motion cleanly int	Ю
5)	•	for the ill manage	nd company to act	blich mora	rasnansihili	ities for each employee t	-
5)	carry out its	_	d company to esta	ionsii more	responsion	ties for each employee t	·U
6)	-	cians' support is an	important	in the success	of our research p	roject.	
7)		or more elements c					
8)	The public	expect the conferen	nce to have a mark	ed on t	the future of the n	national economy.	
9)		quid spray-on skir				r of skin, is a world firs	st
10)		ny is about to	a worldwide	advertising camp	paign to promote i	its sales.	
	_	given in brackets.	Change the form well	to do sth.	go for	ch sentence with the hel	'p
		•	ct on result in		to be on the safe		
1)			a huge l	oss, so the chemi	stry experts bega	in the experiments under	a
		on. (caused)					
2)						. into simpler substances)	
3)				vth in information	n technology	our everyda	y
		ad a strong impress					
4)			a few additional s	sources of protein	n for the sake of	a healthy life. (be wise of	r
	use good ju	_					
5)			_	-	nd frequency of t	the chest pains made ther	n
->	•	ight be related to h					
6)				adding large am	ounts of protein	to your diet. (to be mor	·e
	careful thai	n may be necessary	·)				
• •							
	-	_		blanks in the foll	lowing sentences	with words from the box	r.
Ch	ange the for	m where necessary	'.				
Г	M/ D21-1	to a Chill Docking	- (1), (())	<i>I</i> I			
		ing Skill — Prefixe					
		ix "con-" or "com-" ar	e used with certain w	ords to add the mea	inings of "with" or		
L	"together", lil	ke "compound".					
	1.		.	1	1	.	
	ombine	commercial	comparison .	compound	concentrati	ion	
co	oncern	consistent	contain	context	convert		
		em fo				iome.	
		f the RMB do you					
3)	Our	effort and co	ntribution will lead	d to the country's	turther developn	nent.	

	5) Please read the paragraph sentence by sentence, trying to understand new words from
	6) You should turn off the TV, since this science book requires a great deal of
4.	Study the translating skill in the box and work on the task below.
	Translating Skill — Diction (词义的选择) (I) : grammatical clues
	Many English words have more than one meaning and the translator must choose the right meaning based on context clues
	before figuring out the closest equivalent in Chinese.
	Grammatical clues are very helpful in the choice of meaning. By looking at the grammatical function of a particular word in a
	particular sentence, we can tell whether it is used as a noun, a verb or an adjective, etc., thus narrowing down the scope of
	choice.
Tro boo	
1)	This chemical is used in lots of industrial processes, including water purification, and to separate DNA
	molecules in experiments. (Para. 2)
2)	Acrylamide is made by something called the Maillard reaction, which browns cooked foods and gives them their pleasing flavor. (Para. 3)
3)	The chemical can also be present in breakfast cereals, biscuits and coffee. (Para. 3)
4)	Animal studies clearly show that acrylamide causes all sorts of cancers, but it's hard to relate this to us. (Para 4)
5)	Although evidence from animal studies has shown that acrylamide in food could be linked to cancer, this link isn't clear and consistent in humans. (Para. 5)
6)	At low temperatures, an enzyme breaks down the sugar sucrose into glucose and fructose, which can form acrylamide during cooking. (Para. 11)

4) The movie was not a _____ success because nearly 90% of the audience didn't like it.

Reading 2 Not All Processed Foods Are Bad for You

Before Reading

Discuss the following questions.

- 1. Do you know what processed foods are? Give some examples.
- 2. Which do you prefer, processed foods or raw and fresh foods?
- 3. In your opinion, are processed foods good for our health?

Not All Processed Foods Are Bad for You

Cara Rosenbloom

- Ah, processed foods. The term has become a sweeping generalization for anything that comes in a bag or a box. Even my nutrition advice usually includes the general statement "eat less processed food and choose fresh food instead." But that sentence really simplifies a more complex story.
- Of course, how we process the food matters. Some ingredients can undergo changes like being frozen, fermented or sprouted that makes them equally or more nutritious than they once were. Not all processes are detrimental. Here's how to tell the difference.
- An apple is more nutritious than applesauce, and both are better choices than apple pie. The more processed a food is from its original state, the less healthy it becomes. To make it easier to discern just how processed a food is, researchers have developed categories for four distinct groups of foods. Take note of what goes in your grocery cart and your body based on these categories:
- 4 Group 1 Unprocessed and minimally processed foods: This group includes basic whole foods such as vegetables, fruits, nuts, eggs, meat and milk. If processing is used, it's to preserve shelf life, such as freezing vegetables and vacuum-sealing meat. This group makes up about 30 percent of the calories we eat but the number should be higher for these nutritious options.
- 5 Group 2 Processed cooking ingredients: These foods enhance the flavor of meals and include olive oil, salt, honey and dried herbs. Some like olive oil are more nutritious than others like sugar, but they only account for 3 percent of our calories when used in basic cooking, so they aren't the main concern.
- 6 Group 3 Processed foods: Foods that undergo some processing and contain just two or three ingredients fall into this group. Examples are canned fish, salted nuts and fermented bread. We get about 10 percent of calories from these foods. Many of these items are nutritious and make it more convenient to cook at home.
- Group 4 Ultra-processed foods: If you take processed (groups two and three) foods such as enriched flour, sugar and high fructose corn syrup, add food coloring, and put them into a cake, you get an ultra-processed food. The foods in this group are the result of industrial formulations of five or more usually cheap ingredients. These foods provide almost 60 percent of our calories, but that number needs to be much lower. Collectively, ultra-processed foods are high in sugar, fat and salt, and lack fiber, vitamins and minerals. People who consume more ultra-processed foods have a greater risk of obesity, hypertension and high blood sugar levels, which can lead to heart disease and diabetes. Other examples of ultra-processed foods are candy, instant soups, ice cream, breakfast cereals, soda and hot dogs.
- 8 Yogurt with added sugar or powdered cheese on deep-fried potatoes are examples of processes that turn once-healthy food into less nutritious fare. But not all processes are bad some forms of preserving and preparing food are very smart ideas. When you do include some processed (not ultra-processed) foods in your grocery cart, consider the following:
- 9 **Sprouted foods are nutritious:** Whole grains and beans are living seeds, and a little "processing" with the right moisture level and temperature can make them sprout. In terms of health benefits, sprouted grains and beans are easier to digest, have minimal effect on blood-sugar levels, and contain more protein, fiber and B vitamins than their non-sprouted counterparts. So, look for whole grains, beans and breads that say "sprouted" on the package.
- 10 **Fermented foods contain probiotics:** The recent focus on fermented foods such as yogurt and kimchi is because of the beneficial probiotics they provide. Probiotics help support the immune system, relieve constipation, help prevent some types of cancer, and are being studied for their role in managing cholesterol and

treating neurological disorders. Want to get more probiotics in your diet? Buy yogurt or try refrigerated kimchi—but not the shelf-stable ones. They have been heated or pasteurized, which kills the probiotics.

11 **Frozen foods retain more vitamins:** If fresh vegetables wither in your fridge, use frozen options instead. They are blanched and quick-frozen, which isn't detrimental to their nutrients. In fact, a comparison study of fresh versus frozen vegetables and fruit showed that vitamins C and E are the same or higher in frozen compared with fresh. So, stock up on frozen pineapple, grapes and strawberries. They are great in yogurt!

(729 words)

(Adapted from

 $\underline{\text{https://www.washingtonpost.com/lifestyle/wellness/not-all-processed-foods-are-bad-for-you-how-theyre-made-matters/2017/02/08/8b205378-ea5b-11e6-bf6f-30}\\ \underline{\text{https://www.washingtonpost.com/lifestyle/wellness/not-all-processed-foods-are-bad-for-you-how-theyre-made-matters/2017/02/08/8b205378-ea5b-11e6-bf6f-30}\\ \underline{\text{https://www.washingtonpost.com/lifestyle/wellness/not-all-processed-foods-are-bad-for-you-how-theyre-made-matters/2017/02/08/8b205378-ea5b-11e6-bf6f-30}\\ \underline{\text{https://www.washingtonpost.com/lifestyle/wellness/not-all-processed-foods-are-bad-for-you-how-theyre-made-matters/2017/02/08/8b205378-ea5b-11e6-bf6f-30}\\ \underline{\text{https://www.washingtonpost.com/lifestyle/wellness/not-all-processed-foods-are-bad-for-you-how-theyre-made-matters/2017/02/08/8b205378-ea5b-11e6-bf6f-30}\\ \underline{\text{https://www.washingtonpost.com/lifestyle/wellness/not-all-processed-foods-are-bad-for-you-how-theyre-made-matters/2017/02/08/8b205378-ea5b-11e6-bf6f-30}\\ \underline{\text{https://www.washingtonpost.com/lifestyle/wellness/not-all-processed-foods-are-bad-for-you-how-theyre-made-matters/2017/02/08/8b205378-ea5b-11e6-bf6f-30}\\ \underline{\text{https://www.washingtonpost.com/lifestyle/wellness/not-all-processed-foods-are-bad-for-you-how-theyre-made-matters/2017/02/08/8b205378-ea5b-11e6-bf6f-30}\\ \underline{\text{https://www.washingtonpost.com/lifestyle/wellness/not-all-processed-foods-are-bad-for-you-how-theyre-made-matters/2017/02/08/8b205378-ea5b-11e6-bf6f-30}\\ \underline{\text{https://www.washingtonpost.com/lifestyle/wellness/not-all-processed-foods-are-bad-food$

New Words and Expressions

sweeping /'swi:pm/ a. showing a lack of consideration of facts or details; too general (太) 笼统的; 总括的

generalization* /dʒenərəlar'zeɪʃən/ n. a general statement, principle, or opinion formed from (sometimes incomplete) consideration of particular facts 概括,归纳,泛论

ingredient /ɪnˈgriːdjənt/ n. any of the things that are formed into a mixture when making sth., esp. in cooking (混合物的) 成分: (尤指烹饪中的) 配料

undergo[®] /ˌʌndəˈgəʊ/ v. experience (esp. sth. unpleasant, unwelcome, or difficult) 经历, 经受; 遭受 (尤 指不好的事)

ferment /'f3:ment/v. 使发酵

sprout /spraut/ v. (cause to) grow new leaves or shoots (使) 发芽, 抽芽, 长芽

nutritious /n *j*u:'trɪʃəs/ a. valuable to the body as food 有营养的, 滋养的, 营养价值高的

detrimental / detrr ment al / a. causing harm or damage 有害的; 不利的

applesauce /æpl'sɔ:s/ n. 苹果沙司, 苹果泥

original /əˈrɪdʒənəl/a. existing or happening first, before other people or things 最早的, 最初的

discern*/dr's3:n/v. come to know, recognize, or understand (sth.) 认识; 了解

distinct[®] /dr'stɪnkt/ a. clearly different or separate 截然不同的; 完全分开的

take note of pay careful attention to 注意(到), 留意(到)

cart /kɑ:t/ n. a large wire basket on wheels that one uses in a supermarket 手推车

minimally*® /'mɪnɪməlɪ/ ad. in a way of being as little as possible; very little 最小地; 极少地

whole food food that is in a simple natural form, without anything removed or added 天然食物; (未经加工精制或增添其他物质的)全营养食物

shelf life (食品、药品等的)储藏寿命,保存期限

vacuum-seal /ˈvækjuəm.si:l/v. 真空封装

make up form as a whole; constitute 形成, 组成, 构成

option[®] /'op∫ən/ n. one of a number of courses of action that are possible and may be chosen 可选择的办法 **enhance**[®] /ɪn'hɑ:ns/ v. increase in strength or amount 提高,增加,增强

olive[★] /'plɪv/ n. the fruit of the olive tree, used for food and also for its oil (作食品或榨油用的)橄榄

account for make up or form (a particular amount or part of sth.) (在数量、比例方面)占

fall into belong in (a particular category or range) 属于; 归入

ultra-processed^ /.ʌltrəprəʊ'sest/ a. processed beyond due limit 过分加工的; 超加工的

enriched $/ \text{m'rnt} \int t / a$. (食物)添加维生素和矿物质的;强化的

Syrup /'srrəp/ n. a very thick sticky pale liquid made from sugar 糖浆

coloring /ˈkʌlərɪŋ/ n. a substance used for giving a special color to another substance, esp. food (尤指加入食品的) 色素

formulation*[®] / fɔ:mjʊ'leɪʃ ən/ n. the act or the product of developing a formula for the preparation of sth. 配制; 配制成的材料;制剂

collectively /kə'lektɪvlɪ/ ad. as a group 就整体而言; 共同地

vitamin /'vɪtəmɪn; 'vaɪ-/ n. 维生素,维他命

hypertension /haɪpə'ten $\int \partial n/n$. a medical condition in which a person has very high blood pressure 高血压 (症)

diabetes* /darə'bi:ti:z/ n. a disease in which there is too much sugar in the blood 糖尿病; 多尿症

soda /ˈsəudə/ n. 苏打水, (无味或未加味的) 汽水

powdered /'pavədəd/a. produced or dried in the form of powder (制成) 粉状的

deep-fried /'di:p'fraɪd/ a. (of food) fried completely under the surface of oil or fat (食物) 油炸的,油汆的

fare /feə(r)/n. food, esp. food served in a restaurant or eaten on a special occasion 饮食, 伙食

whole grain 天然的谷物;未加工过的谷物

moisture /ˈmɔɪst∫ə(r)/ n. water, or other liquids, in small quantities or in the form of steam or mist 水分, 水气, 湿气

minimal^{★@} /'mɪnɪməl/a. as little as possible; very little 最小的;极少的

protein /'prəʊti:n/n. 蛋白质

counterpart* /ˈkaontəpɑ:t/ n. a person or thing that has the same purpose or does the same job as another in a different system 两方面地位职位相当的人(物)

probiotic /ˌprəʊbaɪˈɒtɪk/ n. microorganisms that are believed to provide health benefits when consumed 益生菌; 益生素

kimchi /ˈkɪmtʃɪ/n. 朝鲜泡菜 (用圆白菜、洋葱、大蒜、辣椒等蔬菜腌制而成)

immune /r'mju:n/ a. unable to be harmed because of special qualities in oneself (对…) 有免疫的, 有免疫力的; 不受…影响的

the immune system (身体的) 免疫系统

relieve /rɪ'li:v/ v. lessen (pain, anxiety, or trouble) 减轻(痛苦、焦虑或困扰)

constipation /kɒnstɪˈpeɪʃən/ n. 便秘

cholesterol* /kə'lestətɒl/ n. 胆固醇

neurological /m/iorə'lɒdʒɪkəl/ a. of or about the scientific study of the nervous system and its disease 神经系统的: 神经(病) 学的

disorder /dɪs'ɔ:də(r)/ n. a failure of part of the body (or mind) to work properly (身体、精神的)失调,紊乱

shelf-stable /'ʃelf.steɪbl/ a. 可在架上存放较长时间的

pasteurize /ˈpæstəraɪz/ v. heat (a liquid) in a certain way in order to destroy bacteria 用巴斯德消毒法给(液体)消毒

retain[®] /rr'teɪn/ v. keep possession of; avoid losing 保留, 保持, 保有

wither* /'wɪðə(r)/ v. (of a plant) become dry and weak and start to die (植物等) 枯萎, 干枯, 凋谢

comparison /kəmˈpærɪsən/ n. the act of looking at things to see how they are similar or different 比较; 对照 **versus*** /ˈvɜːsəs/ *prep*. (abbreviation: vs / vs. / VS) used to indicate two different things, choices, etc., that are being compared or considered 与…相比; 与…相对

compared with in relation to (sth. else), measured or judged against (sth. else) 和…比起来;与…对照 stock /stok/ v. keep supplies of, esp. for sale 为…办货;(尤指为销售而)储备 stock up on sth. provide oneself with a full store of sth. 充分储备某物,贮存某物

Proper Names

Cara Rosenbloom /'kærə 'rəusenblu:m/ 卡拉·罗森布鲁姆

Global Reading

Skim the text and answer the following questions.

- 1. What is the purpose of the text?
- 2. How many groups of foods are categorized in the text?
- 3. Which group of foods do sprouted, fermented and frozen foods belong to?

Close Reading

- 1. Choose the best answer to the following questions.
 - 1) What misconception about food did people use to have according to the text?
 - a) Fresh foods are nutritious and beneficial to people.
 - b) All processed foods are harmful to our health.
 - c) High fat and high sugar foods have bad effects on us.
 - 2) Which disease are people NOT likely to get if they eat too many ultra-processed foods?
 - a) diabetes b) heart dise
- b) heart disease c) lung cancer
 - 3) Which of the following processes CANNOT preserve the nutrients in food?
 - a) frying
- b) freezing
- c) fermenting
- 4) Probiotics have the following benefits EXCEPT _____
 - a) probiotics can improve our immune systems
 - b) probiotics can protect our blood vessels
 - c) probiotics may prevent cancer
- 2. Study the reading skill in the box and work on the task below.

Reading Skill — Recognizing classification

In a classification text, the writer will organize the contents by categorizing the things or people into different groups. Sometimes the classification is explicit, such as Group 1, Group 2, Group 3 and Group 4 in this text. Sometimes, the categorization is less obvious. But we can recognize them with the help of the following words or expressions:

- classify, categorize, sort, grade...
- type, class, group, kind, category, form...
- One is ...; another is ...

The first ...; the second ...; the third . . .

Complete the following table according to the classification of food in the text.

Group	Item	Examples of foods in each group
Group 1	Unprocessed and minimally	1)
	processed food	
Group 2	Processed cooking ingredients	2)
Group 3	Processed foods	3)
Group 4	Ultra-processed foods	4)

- 3. Circle the appropriate word or phrase for each of the following sentences.
 - 1) Unprocessed / Ultra-processed foods provide the major part of our calories.
 - 2) **Fermented / Sprouted** foods have a minimal effect on blood-sugar levels.
 - 3) Applesauce is more healthy than an apple / an apple pie.
 - 4) Canned fruits are most likely to fall into the category of processed / ultra-processed foods.
 - 5) **Frozen / Fermented** foods maintain the original nutrients in the foods.

Critical Thinking

Discuss the following questions.

- 1. Think of your own diet. Which category of foods mentioned in the text do you eat most days?
- 2. Ultra-processed foods are delicious and attractive to most people. What do you think are good ways to reduce the consumption of this group of foods?
- 3. How does the general statement "eat less processed food and choose fresh food instead" simplify a more complex story? Explain.
- 4. Do you agree that general statements will always mislead people? Why or why not?

Language Enhancement

1. The words in the box below are either active words or academic words marked in the Academic Word List (AWL). Choose the most suitable one to complete each sentence. Change the form where necessary.

		comparison	enhance	formulation	immune	minimal	distinct	
		option	relieve	retain	stock	undergo		
1)	These peop	le in the coal n	nine factory h	ad no	_ but to take t	the low-paid u	nattractive work.	
2)	Hopefully, the multi-national anti-terrorist conference will the prospects of world peace.							
3)	There's a lo	ot of evidence	that oily fish,	as fr	om fatty mea	t, has a benefic	cial effect.	
4)	Before testi	ng any new _	of r	nedicine on chi	ildren, the do	ctors have to	make very hard judgm	ents
	about the be	enefits and risk	S.					

5)	-	-		leased, the World Health	Organization believes that the
6)	•	health risk is		nd abamatharany (仏宮) t	o weaken the original immune
6)		s an exhausting exper		ind chemomerapy (1693) t	o weaken the original minune
7)	•	9 1		on, but he stills	oma gantral avar it
8)		<u>-</u>	0 1		the body's system,
0)		tiple organ damage.	z one numan o	ody organ, but to desiroy	the body's system,
9)	<u> </u>		ilias tand to	their collers wi	th food and water in case of
9)		safe side, some fami	illes tella to _	then cenars wr	th food and water in case of
10)	emergency.	haan talran ta	the eiter of it	ta tuaffia iana hut tha muchi	am is not librale; to be calved in
10,		been taken to	the city of it	is traffic jam, but the probl	em is not likely to be solved in
11	a short time.	maduaa tha s	yya ta tha aiga	of a colf hall the couth r	yould be the size of a sucin of
11,	-	reduce the s	sun to the size	of a goir ball, the earth v	vould be the size of a grain of
	sand.				
5 G.	1 /1 1 .		.1	9.11	1
	_			_	each sentence with the help of
us		n brackets. Change th			7
	account f	•	pared with	fall into	
4.	make up		up on		_
1)	-			before buying or renting	s, any possible
	-	water. (pay careful att			
2)					vater, flashlights and first-aid
		_	_	selves with a full store of)	
3)			ld, the compan	y's overseas profits now _	half of its yearly
	earnings. (make	• •			
4)			ve categories, tl	hese issues do not apply to	you, and you can skip the rest
	of this section. (
5)	All the many bu	ısy and little importan	it things	my daily routines	s. (form as a whole; constitute)
6)	The depth of th	e ocean will be found	d to be very in	nconsiderable	its breadth. (in relation to;
	measured again	est)			
3. Stu	dy the word buil	ding skill in the box o	and work on th	ie tasks below.	
W	ord Building Skill	— Prefixes (II): "en-"	' and "dis-"		
	The prefix "en-" o	an form verbs, meaning	"to make someb	oody or something be in a par	ticular state or have a particular
qua	ality". To put it more	e simply, it means "in", "o	on" or "caused", I	like "enable".	
	The prefix "dis-" o	an form verbs, meaning	"apart", like "disc	cern"; form nouns, meaning "o	pposite", like "disorder"; form
adj	ectives, meaning "o	opposite" or "apart", like	"dishonest".		
A. <i>M</i>	atch the followin	g words in the left co	lumn with the	corresponding meanings	in the right column.
	1) enrich v.	a) notice or under			
_	2) enforce v.	b) put somebody	or something a	t risk or in danger	
_	3) entitle <i>v</i> .	c) improve the qu	_	_	

4) endanger <i>v</i> .	d) clearly different or separate
5) discern <i>v</i> .	e) make people obey a law or force somebody to do something
6) disorder <i>n</i> .	f) give somebody the right to have or to do something
7) distinct <i>a</i> .	g) failure of part of the body (or mind) to work properly
8) distract <i>v</i> .	h) prevent somebody from giving full attention to something
above. Change the fo	in the following sentences by choosing the proper words with the prefix "en-" or "dis-" orm where necessary.
	form you that this ticket does not you to travel first class.
2) It was so dark out	side that I was just able to the road.
3) The health of our	children is being by exhaust gas from vehicles and factories.
4) Don't allow noise	to you from your homework.
International students	dents our classrooms with their different and new ideas, perspectives, and
6) He has a very	personality and you can recognize him among these students quickly.
7) Being locked in a	dark room, that poor man is declared suffering from mental
8) Some cities are try	ying to their anti-noise laws more strictly.

4. Study the translating skill in the box and work on the task below.

Translating Skill — Diction (词义的选择) (II): collocation clues

When grammatical clues are not enough, collocations can offer further help. We can look at the words that appear around the word, and decide on its exact meaning in the sentence.

Take "process" as an example. It can be used as a noun or a verb.

When used as a noun, it has a number of meanings: "a series of things which are carried out in order to achieve a particular result"(进程; 过程); "a series of things which happen naturally and result in a biological or chemical change" (变化过程); "a method of doing or making something, especially one that is used in industry"(做事方法; 工艺流程; 工序).

When used as a verb, it takes on different meanings when it is used together with different nouns: 1. when raw materials or foods are processed (加工,处理), they are prepared in factories before they are used or sold; 2. when people process (处理) information, they put it through a system or into a computer in order to deal with it; 3. when people are processed (审核;审议;检查;使接受处理) by officials, their case is dealt with in stages and they pass from one stage of the process to the next.

In the sentence "Of course, how we process the food matters", it can be easily seen that the word "process" is used as a verb, but it still has at least three possible meanings (as shown above). So we need to look at the words that appear before or after it, and when we find the word "food", we can be sure that it corresponds with the first meaning.

Translate into Chinese the following passage that serves as a summary of Reading 2, paying special attention to the word "process" with multiple meanings.

Processed foods have been altered from their natural state, either for safety reasons or because it makes them easier to store or easier to use.

We usually think of **processed** foods as being bad. In truth, many of them are, but some types of **processed** foods are beneficial. Not all **processes** are detrimental. Some ingredients can undergo changes, like being frozen, fermented or sprouted, that makes them equally or more nutritious than they once were.

prouted foods are nutritious; fermented foods contain probiotics; frozen foods retain more vitamins.					
Franslation:					

When you do include some **processed** (not ultra-processed) foods in your grocery cart, consider the following:

Part II LISTENING AND VIEWING

Listening: Bananas Genetically Modified Not to Rot

Before Listening

Listening Skill — Predicting the content

Before listening, it is always helpful to use your prior knowledge and experience about a given topic to develop expectations of what you are going to hear.

This strategy will make you better prepared for the listening and then enhance comprehension while listening. The title, visuals, or listed vocabulary may help you predict.

Discuss the following questions.

- 1. What do you know about genetically modified foods?
- 2. Study the listening skill above. What do you predict to hear about genetically modified bananas in this audio clip?

New Words and Expressions

```
genetically modified /dʒr'netɪkəlɪ 'mɒdɪfaɪd/ 转基因的(略作 GM)
rot* /rɒt/ v. decay by a gradual natural process 腐败,腐烂 n. the process of rotting; decay 腐朽,腐烂
Israeli /ɪz'reɪlɪ/ a. relating to Israel or its people 以色列的; 以色列人的
set in (of a disease, bad weather, etc.) begin and probably continue (疾病、坏天气等) 开始来临;盛行
significantly® /sɪg'nɪfɪkəntlɪ/ ad. 有重大意义地;显著地;明显地
decomposition /di:kɒmpə'zɪʃən/ n. the process of decay 腐烂
alter® /'ɔːltə(r)/ v. make different, but without changing into sth. else 使改动,更动
genetic /dʒr'netɪk/ a. relating to genes or genetics 基因的,遗传学的
make-up /'meɪkʌp/ n. 组成;构造
gene /dʒi:n/ n. 基因,遗传因子
```

previously /'pri:vɪəslɪ/ ad. before now or before a particular time 以前地, 先前地 finding /'faɪndɪŋ/ n. also findings (调查、研究的)结果 isolate® /'aɪsəleɪt/ v. keep apart; separate from others 使隔离;使孤立 intervention▲® /ɪɪntə'venʃən/ n. 干扰,干预;介入 commercialize /kə'mɜ:ʃəlaɪz/ v. 使商业化;使商品化 wholesaler* /ˈhəʊlseɪlə(r)/ n. 批发商

Listening Comprehension

1.

2.

Listen to the passage and fill in th	ne blanks.		
 Israeli scientists have found a make-up. 	way to significantly	the decomp	position by altering their
•	to isolate the specific g	gene that drive	s the ageing process in bananas and
3) Lab tests show that the genetic	intervention does not harm th	e bananas'	
4) The team now hope to			
Listen again and choose the best	answer.		
1) The scientists who conduct rese	earch on GM bananas are fror	n	
a) India b) Israel	c) America		
2) This new study has made break	throughs on the basis of prior	research on C	SM
a) beans b) potatoes	c) tomatoes		
3) The particular gene that	in bananas has been ident	ified by the sc	ientists.
a) blocks the growing process			
b) accelerates the ageing proce	ess		

Viewing: Why I'm a Weekday Vegetarian

c) intervenes with the ripening process

Before Viewing

Discuss the following questions.

- 1. Do you like eating meat or vegetables more?
- 2. Do you think eating less meat will help you lose weight?
- 3. How long can you go without eating any meat?

New Words and Expressions

Vegetarian / ved3r'teərrən/ n. a person who does not eat meat or fish 素食者
Hippie/'hɪpɪ/ n. (尤指二十世纪六、七十年代的)嬉皮士
log cabin /lɒg 'kæbɪn/ a house, usu. a small one, made of logs of wood (原木)小木屋
cruelty /'kroəltɪ/ n. the quality of being cruel 残忍,残酷
hypocritical / hɪpəʊˈkrɪtɪkəl/ a. 伪善的;虚伪的;矫饰的

emission* /r'mrʃ ən/ n. a gas or other substance that is sent into the air 排放物 tuck into eat eagerly 大吃 stall* /stɔ:l/ v. avoid taking a decision 故意敷衍或不采取行动 pitch /prtʃ/ v. try to persuade or sell, often in an aggressive way 竭力劝说; 推销 binary /'bamərɪ/ a. consisting of two things or parts; double 由两个东西(部分)组成的 taste bud /teɪst bʌd/ 味蕾(舌头上的味觉细胞) culprit* /'kʌlprɪt/ n. the cause of a problem or bad situation 产生事故的原因; 引起不良后果的事物 in terms of ...; in ... terms from the point of view of 从…观点来看,从…角度来讲 sustainably* /sə'steɪnəblɪ/ ad. 能保持地; 能持续地 end up be in the end (in the stated place, condition, etc.) 最后成为,最后处于 intake* //Inteɪk/ n. the amount or number allowed to enter or taken in 吸入(数)量;纳入(数)量;接受(数)量 give sth. a shot try or attempt to do sth. 尝试做某事

Viewing Comprehension

Listening Skill — Understanding main ideas: key words

Listening for key words or phrases can facilitate our understanding of a speaker's main points. Paying attention to the following clues in a speech or lecture may help us identify a key word:

- 1. The speaker tends to pause before introducing an important point.
- 2. The speaker always repeats the key words.
- 3. The speaker may define the key word after saying it.
- 1. Study the listening skill above, watch the video clip and note down the key information in the blanks.

Key words	Related information				
Meat	Meat causes more 1) than all of 2) combined.				
Meat	We as a society 3) as we did in the 50s.				
	Problem: Why am I not a vegetarian?				
Solution	A binary solution: either you're 4) or you're 5)				
	A third solution: becoming 6)				
Weekday veg	Definition: 7), Monday to Friday. On the weekend, 8)				
(vegetarian)	·				

- 2. Watch again and decide whether the following statements are true (T) or false (F).
- 1) Environmentally, meat causes as many emissions as all of transportation combined. (T / F)
- 2) The speaker was very determined to be a vegetarian after he realized the danger of hamburger. (T/F)
- 3) Red and processed meats cause more environmental damage and healthy problems than fish does. (T/F)
- 4) According to the speaker, to be a weekday vegetarian will do a great benefit to our health and the environment. (\mathbf{T}/\mathbf{F})

Critical Thinking

Discuss the following questions in a group.

- 1. Do you agree with the argument that *being vegetarian is better for the environment and for the animals*? Why or why not?
- 2. In a carnivorous (食肉的) culture, do you think it is possible to change people's eating habits?
- 3. In your viewpoint, is "weekday vegetarian" the best solution to the dilemma of whether to eat meat or to be vegetarian? Do you want to give it a shot?

Part III SPEAKING

With the increasing popularity of teamwork or joint projects in the academic setting of universities, it is important for students to learn how to take part in group discussions. You need to be aware of how to collaborate with others to make the discussion go on successfully. Knowing various skills and language in this respect may help you participate in discussions with ease. In this unit, you are going to learn about how to open a discussion and how to agree or disagree in a discussion. More skills in this regard will be introduced in Units 2-4.

How to open a discussion?

In a group discussion, there should be someone who takes the lead to start the discussion. It is usually the task of a group leader, if there is one. Once the discussion is opened, each person in the group may begin to make their contributions. These are the useful language patterns to open a discussion:

Well, let's start by looking at ...
Let's begin, shall we?
So what's your opinion of this?

If you don't mind, I'd like to speak first.

How to agree and disagree?

Once a discussion is opened, there are many ways to gain access to it. A common one is to express agreement or disagreement. By building on what someone else has said, you can agree or disagree with him/her.

Useful language for agreeing:

Useful language for disagreeing:

I totally agree with you.

I couldn't agree more.

I see what you mean, but...

Exactly!

But don't you think that...?

Yes, you are right in ...

Yes, but on the other hand...

That is a good point. But all the evidence suggests that...

1. Work with your partner. Use the useful language listed above and discuss whether you agree or disagree with the following statements. Be sure to open a discussion nicely and express agreement and disagreement properly. A sample dialogue about the first statement has been given in the box below.

A Sample Dialogue

Statement: Eating slowly is a possible means to decrease calories and increase satisfaction.

A: Well, Let's start by looking at the first statement.

- B: OK.
- A: Do you agree that "eating slowly is a possible means to decrease calories and increase satisfaction"?
- B: *Yes, I think so.* By eating slowly, we can focus on the food and taste every bite. If the food is delicious, we will feel so satisfied.
- A: *I totally agree with you.* What's more, when we take our time in eating, we could chew the food thoroughly before swallowing it.
- B: Exactly! So it is doing good to ease digestion, and then decrease calories.
- A: And finally leading to weight loss. It is so wonderful!
- B: Do you have the habit of eating slowly?
- A: I'm afraid not. But I decide to give it a try and eat slower from now on.
- B: It's a good idea, but maybe it's easier said than done.
- 1) Eating slowly is a possible means to decrease calories and increase satisfaction.
- 2) If you get up late in the morning, you may not need to have a breakfast because you are going to have lunch soon.
- 3) Microwaves alter the composition of food and have detrimental (有害的) effects on people.
- 4) Eating chocolate has a positive influence on human health.
- 5) Raw food is more nutritious than cooked food, so we need to eat raw food often.
- 2. Work in a group, sharing your opinions about each statement in Exercise 1 above. Use the following guidelines to help your discussion.
- Assign a leader in the group who will open the discussion and monitor the process of discussing.
- Try to use different language patterns to agree or disagree with each other.
- Be polite and cooperative in the discussion.
- 3. Choose one statement in Exercise 1 of which the group has diverse opinions. Make a list of these opinions and ask a group member to report to the whole class.

Part IV WRITING

It is significant for any academic writing to have a complete and well-organized structure. Generally speaking, an academic text usually includes three parts: an introduction, a main body and a conclusion. These three structural components have distinctive functions and characteristics. In this part, you are going to learn how to write an introduction and how to develop an effective thesis statement in the introduction. In Unit 2 and Unit 3, you will learn how to write a body paragraph and a conclusion respectively.

How to write an introduction?

An introduction is the first part of a text, which normally consists of one or more paragraphs. Its function is to get the readers prepared for the topic you are going to write about and then to put forward your main viewpoint. You don't need to discuss anything in detail yet. In an introduction, you always:

- give a general description or explanation of the topic;
- identify your research questions and propose a thesis statement;

• *outline the organization of the text.*

If the text is short, you may not need to outline the organization of it.

How to write a thesis statement?

A thesis statement is a sentence which clarifies the writer's general opinion about the topic under discussion. It is usually put in the introduction to capture the **main idea** of the whole text. **A good thesis statement** should follow these guidelines:

- It should be an opinion rather than a fact;
- It should be specific, because you are going to support and elaborate it in the rest of the essay.
- 1. Read the following introductions and identify the function of each numbered section of the introduction. The first example has been given.

Introduction 1:

1) Do you have days at work when you feel energetic, inspired	1) A general description of
and productive, while on other days you feel tired, busy and	the topic: working days.
stressed, with almost nothing to show for your efforts at the end	
of the day? 2) When you spend several hours a day at work, it	2)
pays to make those hours healthy ones for both body and mind. 3)	
Making some simple, smart choices throughout your workday can	3)
help boost your creativity and productivity while reducing fatigue	3)
and minimizing stress.	
(Source:https://www.washingtonpost.com/lifestyle/wellness/want-a-productive-work-day-watch-what-you-eat/2017/03/01/5e1d0a0a-f885-11e6-9845-576c69081518_story.html?tid=a_inl&utm_term=.3268cbc28d42)	

Introduction 2:

1) Ah, Processed foods. The term has become a sweeping	1)
generalization for anything that comes in a bag or a box.	
Even my nutrition advice usually includes the general	
statement "eat less processed food and choose fresh food	2)
instead." 2) But that sentence really simplifies a more	
complex story. Of course, how we process the food matters.	
Some ingredients can undergo changes — like being frozen,	3)
fermented or sprouted — that makes them equally or more	
nutritious than they once were. 3) Not all processes are	4)
detrimental. 4) Here's how to tell the difference.	

2. There are two essay titles below and two possible thesis statements are provided for each. Decide which thesis statement is better for the title and give further explanations.

Title 1: Why Should People Adopt a Vegetarian Diet?		
Thesis statement A:	Being a vegetarian has many advantages for people.	
Thesis statement B:	People should consider the health benefits of switching to a	
	vegetarian diet, including weight loss and a lower risk of heart	

disease.

Title 2: The Problem of Food Shortages in the World

Thesis statement A: The world needs to produce at least 50% more food to feed 9 billion

people by 2050.

Thesis statement B: A threefold challenge in food supply now faces the world: growing

competition for land, water, and energy; overexploitation of fisheries;

and the changing climate.

3. In this unit, you have received a lot of information about food and healthy diets. Now write an introduction to an essay entitled "What Is a Healthy Diet?". You should:

- 1) Make sure you have included all the essential components in an introduction.
- 2) Form a good thesis statement in the introduction.