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## Organic food no more nutritious

4th September, 2012

http://www.breakingnewsenglish.com/1209/120904-organic\_food.html

### **Contents**

The Article	2
Warm <sup>-</sup> ups	3
Before Reading / Listening	4
While Reading / Listening	5
Listening Gap Fill	6
After Reading / Listening	7
Student Survey	8
Discussion	9
Language Work	10
Writing	11
Homework	12
Answers	13

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#### THE ARTICLE

From http://www.BreakingNewsEnglish.com/1209/120904-organic\_food.html

Scientists have revealed that organic and non-organic food contain pretty much the same amounts and kinds of vitamins and other nutrients. This might be surprising news for those of us who choose to buy organic believing it to be healthier. Researchers from America's Stanford University concluded that there might not be any extra health benefits to buying organic, thus people might be better off saving their money and buying non-organic produce. Lead researcher Dr Crystal Smith-Spangle said there was no difference in the vitamin content in fruit, vegetables, meat and dairy products in organically- and conventionally-produced food. She said the only difference was slightly more phosphorus in the organic products.

Dr Smith-Spangle's review of over 200 different reports on organic food suggests people should perhaps revise their shopping choices, based on the levels of pesticides. Smith Spangler said both organic and conventional foods rarely exceeded the allowable limits for pesticides in the USA. She said the evidence wasn't too clear on whether the difference in pesticides would have an effect on health. She concluded by saying consumers should know there is overwhelming evidence that eating fruit and vegetables is good for your health, so people should eat more fresh produce, whether it is organic or conventional. Organic foods accounted for \$31 billion in sales in the USA last year, up from \$3.6 billion in 1997.

### **WARM-UPS**

- **1. ORGANIC FOOD:** Walk around the class and talk to other students about organic food. Change partners often. Share your findings with your first partner.
- **2. CHAT:** In pairs / groups, decide which of these topics or words from the article are most interesting and which are most boring.

scientists / organic food / vitamin / health benefits / fruit / vegetables / dairy products / revise / shopping choices / pesticides / conventional foods / evidence / health

Have a chat about the topics you liked. Change topics and partners frequently.

**3. FOOD:** How good or bad are these? Complete the table with your partner(s). Change partners and share what you wrote. Change and share again.

	Why good?	Why bad?
Organic		
Fast		
Spicy		
British		
Dairy		
Raw		

- **4. HEALTHY:** Students A **strongly** believe all food will be super-healthy in the future; Students B **strongly** believe not. Change partners again and talk about your conversations.
- **5. CUISINE:** What are your faves? Rank these and share your rankings with your partner. Put the best at the top. Change partners often and share your rankings.

Indian

French

Thai

Lebanese

Japanese

Italian

Mexican

American

**6. VITAMINS:** Spend one minute writing down all of the different words you associate with the word 'vitamins'. Share your words with your partner(s) and talk about them. Together, put the words into different categories.

## **BEFORE READING / LISTENING**

From http://www.BreakingNewsEnglish.com/1209/120904-organic food.html

#### 1. TRUE / FALSE: Read the headline. Guess if a-h below are true (T) or false (F).

- a. Scientists have found that non-organic food is no longer nutritious.
- b. The article suggests people shouldn't waste money on organic food. T / F
- c. Research says vitamin content in organic/non-organic food is the same. T/F
- d. The researcher said there was more phosphorus in non-organic food. T/F
- e. The researcher said people should think more about pesticides.
- f. Non-organic food in the U.S. contains pesticides over acceptable limits. T/F
- g. The researcher advised people to buy more fruit and vegetables. T/F
- h. Spending on organic food in the USA has doubled since 1997.

#### **2. SYNONYM MATCH:** Match the following synonyms from the article.

- revealed
- 2 contain
- 3. choose
- 4. produce
- 5. slightly
- 6. review
- 7. revise
- 8. allowable
- 9. overwhelming
- 10. accounted for

- a. made up
- b. opt
- c. a little
- d. change
- e. food
- f. permissible
- g. announced
- h. evaluation
- i. have
- j. compelling

## **3. PHRASE MATCH:** (Sometimes more than one choice is possible.)

- 1. pretty
- 2 surprising news for those of us who
- 3. people might be better
- 4. dairy
- 5. slightly more phosphorus
- 6. review of over
- 7. exceeded the allowable
- 8. the evidence wasn't
- 9. overwhelming
- 10. up from

- a. off saving their money
- b. 200 different reports
- c. much the same
- d. too clear
- e. choose to buy organic
- f. \$3.6 billion in 1997
- g. evidence
- h. in the organic products
- i. limits
- j. products

## WHILE READING / LISTENING

From <a href="http://www.BreakingNewsEnglish.com/1209/120904-organic\_food.html">http://www.BreakingNewsEnglish.com/1209/120904-organic\_food.html</a>

**GAP FILL:** Put the words into the gaps in the text.

Scientists have (1) t	that organic and non-organic
food contain pretty much t	he same amounts and <i>concluded</i>
(2) of vitamins and c	other nutrients. This might be conten
surprising (3) for the	ose of us who choose to buy
organic believing it to be healthier.	Researchers from America's news
Stanford University (4)	that there might not be slightly
any extra health benefits to buying o	organic, thus people might be
(5) off saving their m	oney and buying non-organic revealed
produce. Lead researcher Dr Crystal S	Smith-Spangle said there was bette
no difference in the vitamin (6	5) in fruit, kind
vegetables, meat and (7)	products in organically-
and conventionally-produced food.	She said the only difference dairy
was (8) more phosph	orus in the organic products.
Dr Smith-Spangle's (9)	of over 200 different
reports on organic food sugges	ts people should perhaps $u_{k}$
(10) their shopping	ng choices, based on the
(11) of pesticides.	Smith Spangler said both
organic and conventional foods rai	rely exceeded the allowable revise
(12) for pesticides	in the USA. She said the product
evidence wasn't too clear on whether	raviau
would have an (13)	on health. She concluded by
saying consumers should know the	re is overwhelming evidence accounted
that eating fruit and vegetables is go	ievei:
should eat more fresh (14)	- 55
or conventional. Organic foods (15)	
in sales in the USA last year, (16)	from \$3.6 billion
in 1997.	

## **LISTENING** – Listen and fill in the gaps

From <a href="http://www.BreakingNewsEnglish.com/1209/120904-organic\_food.html">http://www.BreakingNewsEnglish.com/1209/120904-organic\_food.html</a>

Scientists (1)	organic and non-organic food contain
pretty much the same amo	unts and kinds of vitamins
(2) This migl	nt be surprising news for those of us
who choose to buy organic (3)	healthier.
Researchers from America's Stanford	University concluded that there might
not (4) bene	efits to buying organic, thus people
might (5) th	neir money and buying non-organic
produce. Lead researcher Dr Crysta	I Smith-Spangle said there was no
difference in (6)	fruit, vegetables, meat and dairy
products in organically- and convention	nally-produced food. She said the only
difference was slightly more phosphoru	s in the organic products.
Dr Smith-Spangle's (7)	different reports on organic
food suggests people (8)	their shopping choices,
based on the levels of pesticides. Sr	nith Spangler said both organic and
conventional foods rarely exceeded (9)	pesticides in
the USA. She said the evidence wasn't	too clear on whether the difference in
pesticides would (10)	health. She concluded by
saying consumers should know there	is (11) that
eating fruit and vegetables is good for	or your health, so people should eat
more fresh produce, whether it is (	12) Organic
foods accounted for \$31 billion in sale	es in the USA last year, up from \$3.6
hillion in 1997.	

## AFTER READING / LISTENING

From http://www.BreakingNewsEnglish.com/1209/120904-organic food.html

**1. WORD SEARCH:** Look in your dictionary / computer to find collocates, other meanings, information, synonyms ... for the words 'organic' and 'food'.

organic	food

- Share your findings with your partners.
- Make questions using the words you found.
- Ask your partner / group your questions.
- **2. ARTICLE QUESTIONS:** Look back at the article and write down some questions you would like to ask the class about the text.
  - Share your questions with other classmates / groups.
  - Ask your partner / group your questions.
- **3. GAP FILL:** In pairs / groups, compare your answers to this exercise. Check your answers. Talk about the words from the activity. Were they new, interesting, worth learning...?
- **4. VOCABULARY:** Circle any words you do not understand. In groups, pool unknown words and use dictionaries to find their meanings.
- **5. TEST EACH OTHER:** Look at the words below. With your partner, try to recall how they were used in the text:

<ul> <li>revealed</li> </ul>	• 200
<ul> <li>surprising</li> </ul>	• rarely
<ul> <li>concluded</li> </ul>	• clear
• better	<ul> <li>consumers</li> </ul>
<ul> <li>difference</li> </ul>	fresh
<ul> <li>slightly</li> </ul>	• up

### **ORGANIC FOOD SURVEY**

From http://www.BreakingNewsEnglish.com/1209/120904-organic\_food.html

Write five GOOD questions about organic food in the table. Do this in pairs. Each student must write the questions on his / her own paper.

When you have finished, interview other students. Write down their answers.

	STUDENT 1	STUDENT 2	STUDENT 3
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

### ORGANIC FOOD DISCUSSION

STUDENT A's QUESTIONS (Do not show these to student B)

- a) What did you think when you read the headline?
- b) What comes to your mind when you hear the word 'organic food'?
- c) Are you a fan of organic food?
- d) Do you worry about how healthy the food you eat is?
- e) Are you a healthy eater?
- f) Do you think you should eat more organic food?
- g) Do you think organic food could be a marketing trick?
- h) Are you surprised by this news?
- i) Why did (does) everyone believe organic food is healthier?
- j) Do you think organic food tastes any different to "conventional" food?

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### ORGANIC FOOD DISCUSSION

STUDENT B's QUESTIONS (Do not show these to student A)

- a) Did you like reading this article?
- b) Do you ever think about what pesticides or other chemicals are in your food?
- c) Are you happy with food controls and regulations in your country?
- d) Should the government encourage healthy eating more often?
- e) Do you eat lots of fruit and vegetables?
- f) Could you change to eating a raw diet?
- g) Do you always believe the claims of companies who push their "healthy" food on us?
- h) Which country's cuisine do you think is healthiest?
- i) Do you think more of us should grow our own food?
- j) What questions would you like to ask researcher Dr Crystal Smith-Spangle?

## **LANGUAGE - MULTIPLE CHOICE**

From <a href="http://www.BreakingNewsEnglish.com/1209/120904-organic\_food.html">http://www.BreakingNewsEnglish.com/1209/120904-organic\_food.html</a>

Scie	ntists	have revealed	that c	rganic and n	on-org	anic food cor	ntain (	1) much
the	same	amounts and	d kinds	of vitamins	and	other (2) _	T	his might be
surp	rising	news for the	se of	us who choo	ose to	buy organio	(3)	it to be
-	_	Researchers					. ,	
migl	nt not	be any extra	health	n benefits to	buyin	g organic, th	nus ped	ple might be
bett	er (4	) savin	g thei	r money an	d buy	ing non-org	anic p	roduce. Lead
rese	arche	r Dr Crystal S	mith-S	pangle said	there	was no differ	rence i	n the vitamin
(5)		in fruit, veg	getable	s, meat and	d dair	y products	in org	anically- and
conv	entio:	nally-produced	food.	She said th	e only	difference	was (6	) more
phos	phoru	ıs in the organ	ic prod	ucts.				
Dr S	mith-	Spangle's revi	ew of	over 200 diff	erent	reports on or	rganic	food suggests
peop	ole sh	ould perhaps (	7)	_ their shop	ping ch	noices, based	(8) _	the levels
of p	estici	des. Smith Sp	oangler	said both	organi	c and conve	ntional	foods rarely
exce	eded	the (9)	limits	for pesticide	es in t	the USA. Sh	e said	the evidence
wası	n't too	clear on whe	ether t	he difference	in pe	sticides woul	d have	an effect on
heal	th. S	he concluded	(10)	sayin	ig cor	sumers sho	uld kr	now there is
		ning evidence		_	_	_	=	
		ould eat more						
_		oods accounted		\$31 bi	illion i	n sales in th	e USA	last year, up
from	\$3.6	billion in 1997	•					
Put	the c	orrect words	from t	the table be	low in	the above a	article	•
1.	(a)	cute	(b)	lovely	(c)	fair	(d)	pretty
2.	(a)	nutrients	(b)	nutrition	(c)	nourish	(d)	nourishing
3.	(a)	belief	(b)	believe	(c)	believing	(d)	believes
4.	(a)	up	(b)	off	(c)	around	(d)	of
5.	(a)	current	(b)	content	(c)	contain	(d)	curtain
6.	(a)	flighty	(b)	unsightly	(c)	slightly	(d)	unwittingly
7.	(a)	revise	(b)	reviews	(c)	ruse	(d)	reuse
8.	(a)	up	(b)	in	(c)	of	(d)	on
9.	(a)	disable	(b)	unstable	(c)	perishable	(d)	allowable
10.	(a)	as	(b)	by	(c)	at	(d)	of
11.	(a)	whether	(b)	depending	(c)	if	(d)	although
12.	(a)	as	(b)	on	(c)	for	(d)	by

## **WRITING**

From <a href="http://www.BreakingNewsEnglish.com/1209/120904-organic\_food.html">http://www.BreakingNewsEnglish.com/1209/120904-organic\_food.html</a>

Write about <b>organic food</b> for 10 minutes. Correct your partner's paper.					
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#### **HOMEWORK**

- **1. VOCABULARY EXTENSION:** Choose several of the words from the text. Use a dictionary or Google's search field (or another search engine) to build up more associations / collocations of each word.
- **2. INTERNET:** Search the Internet and find out more about organic food. Share what you discover with your partner(s) in the next lesson.
- **3. ORGANIC FOOD:** Make a poster about organic food. Show your work to your classmates in the next lesson. Did you all have similar things?
- **4. HEALTHY:** Write a magazine article about healthy food. Include imaginary interviews with some experts.

Read what you wrote to your classmates in the next lesson. Write down any new words and expressions you hear from your partner(s).

**5. LETTER:** Write a letter to an organic food expert. Ask him/her three questions about organic food. Give him/her three of your opinions on it. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

### **ANSWERS**

#### TRUE / FALSE:

a. F b. T c. T d. F e. T f. F g. T h. F

#### **SYNONYM MATCH:**

1. revealed

2 contain

3. choose

4. produce

5. slightly

6. review

7. revise

8. allowable

9. overwhelming

10. accounted for

#### a. announced

b. have

c. opt

d. food

e. a little

f. evaluation

g. change

h. permissible

i. compelling

j. made up

#### **PHRASE MATCH:**

1. pretty

2 surprising news for those of us who

3. people might be better

4. dairy

5. slightly more phosphorus

6. review of over

7. exceeded the allowable

8. the evidence wasn't

9. overwhelming

10. up from

- a. much the same
- b. choose to buy organic
- c. off saving their money

d. products

e. in the organic products

f. 200 different reports

g. limits

h. too clear

i. evidence

i. \$3.6 billion in 1997

#### **GAP FILL:**

#### Organic food no more nutritious

Scientists have (1) **revealed** that organic and non-organic food contain pretty much the same amounts and (2) **kinds** of vitamins and other nutrients. This might be surprising (3) **news** for those of us who choose to buy organic believing it to be healthier. Researchers from America's Stanford University (4) **concluded** that there might not be any extra health benefits to buying organic, thus people might be (5) **better** off saving their money and buying non-organic produce. Lead researcher Dr Crystal Smith-Spangle said there was no difference in the vitamin (6) **content** in fruit, vegetables, meat and (7) **dairy** products in organically- and conventionally-produced food. She said the only difference was (8) **slightly** more phosphorus in the organic products.

Dr Smith-Spangle's (9) **review** of over 200 different reports on organic food suggests people should perhaps (10) **revise** their shopping choices, based on the (11) **levels** of pesticides. Smith Spangler said both organic and conventional foods rarely exceeded the allowable (12) **limits** for pesticides in the USA. She said the evidence wasn't too clear on whether the difference in pesticides would have an (13) **effect** on health. She concluded by saying consumers should know there is overwhelming evidence that eating fruit and vegetables is good for your health, so people should eat more fresh (14) **produce**, whether it is organic or conventional. Organic foods (15) **accounted** for \$31 billion in sales in the USA last year, (16) **up** from \$3.6 billion in 1997.

#### **LANGUAGE WORK**

1-d 2-a 3-c 4-b 5-b 6-c 7-a 8-d 9-d 10-b 11-a 12-c