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### Level 6

# Slow-melting ice cream could be here soon 2nd September, 2015

http://www.breakingnewsenglish.com/1509/150902-ice-cream.html

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### Please try Levels 4 and 5 (they are easier).

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### THE ARTICLE

From http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html

Scientists may have discovered something that could be very welcome news for ice cream lovers around the world. Their discovery is a new ingredient that could slow down the rate at which ice cream melts and gives the ice cream a smooth texture. It is a naturally occurring protein that keeps ice cream frozen for a longer period of time during hot weather. Research teams at two universities in Scotland found that the protein, called BsIA, slows down the melting process through a bonding of air, water and fat. Project leader professor Cait MacPhee said: "We're excited by the potential this new ingredient has for improving ice cream, both for consumers and for manufacturers."

The protein is a kind of friendly bacteria that could be used in other food to reduce levels of saturated fat and calories. The researchers say it could prove a valuable ingredient in many kinds of food and be very beneficial to food companies. It also comes with green credentials as it can be produced from sustainable raw materials. Professor MacPhee's colleague Dr Nicola Stanley-Wall described the research as being an enjoyable experience. She said: "It has been fun working on the applied use of a protein that was initially identified due to its practical purpose in bacteria." The researchers say that that ice cream made with the new ingredient could be in supermarket freezers within three to five years.

Sources: http://www.**bbc**.com/news/uk-34104545

http://www.theguardian.com/lifeandstyle/2015/aug/31/longer-lasting-ice-cream-developed-

scientists

http://www.mirror.co.uk/news/technology-science/science/sick-your-ice-cream-melting-6352900

### **WARM-UPS**

- **1. ICE CREAM:** Students walk around the class and talk to other students about ice cream. Change partners often and share your findings.
- **2. CHAT:** In pairs / groups, talk about these topics or words from the article. What will the article say about them? What can you say about these words and your life?

scientists / welcome news / ice cream lovers / ingredient / texture / frozen / potential / bacteria / calories / valuable / sustainable / raw materials / enjoyable / practical

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

**3. SLOWER MELTING:** What are the advantages and disadvantages of these things melting slower? Complete this table with your partner(s). Change partners often and share what you wrote.

	Advantages	Disadvantages
Ice cream		
Butter		
Ice		
Chocolate		
Snow		
Candles		

- **4. DESSERT:** Students A **strongly** believe ice cream is the best dessert; Students B **strongly** believe it is the worst dessert. Change partners again and talk about your conversations.
- **5. DESSERTS:** Rank these with your partner. Put the best at the top. Change partners often and share your rankings.

• ice cream

• cheesecake

apple pie

donuts

• fruit salad

pancakes

• brownie

• tiramisu

**6. BACTERIA:** Spend one minute writing down all of the different words you associate with the word "bacteria". 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/1509/150902-ice-cream.html

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

- Scientists around the world have welcomed ice cream lovers. T/F
- T/F b. A discovery slows melting in ice cream but makes the texture rougher.
- The research is from two universities in Scotland. T/F
- T/F A protein slows down melting by boding sugar with strawberries.
- The protein from the ice cream research could reduce calories in food. T/F
- The article says the protein has a slight green colour to it. T/F
- A researcher said doing the research was fun. T/F g.
- T/F h. The new slower-melting ice cream could be on sale within five years.

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

- 1. welcome a. speed
- 2 discovery b. inside
- 3. rate c. joining
- 4. d. occurring precious
- 5. bonding co-worker e.
- 6. reduce f. existing
- 7. valuable pleasing g.
- 8. colleague h. at first
- 9. initially i. lower
- 10. within find j.

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

- 1. something that could be very welcome a. new ingredient has
- 2 ice cream b. of saturated fat
- 3. a naturally c. manufacturers
  - We're excited by the potential this materials
- 5. both for consumers and for e. lovers
- 6. reduce levels f. news
- 7. with the new ingredient green q.

d.

- 8. h. sustainable raw to five years
- 9. ice cream made i. occurring protein
- 10. within three i. credentials

# **GAP FILL**

From http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html

Scientists may have (1) something that could be	rate
very welcome news for ice cream (2) around the	frozen
world. Their discovery is a new ingredient that could slow down	lovers
the (3) at which ice cream melts and gives the ice	
cream a smooth (4) It is a naturally occurring	texture
protein that keeps ice cream (5) for a longer	potential
period of time (6) hot weather. Research teams at	discovered
two universities in Scotland found that the protein, called BsIA,	process
slows down the melting (7) through a bonding of	during
air, water and fat. Project leader professor Cait MacPhee said:	aanng
"We're excited by the (8) this new ingredient has	
for improving ice cream, both for consumers and for	
manufacturers."	
The protein is a kind of (9) bacteria that could be	credentials
used in other food to reduce levels of saturated fat and	
(10) The researchers say it could prove a	fun
(11) ingredient in many kinds of food and be very	friendly
beneficial to food companies. It also comes with green	initially
(12) as it can be produced from sustainable raw	valuable
materials. Professor MacPhee's colleague Dr Nicola Stanley-Wall	freezers
described the research as being an (13)	enjoyable
experience. She said: "It has been (14) working on	calories
the applied use of a protein that was (15)	Calories
identified due to its practical purpose in bacteria." The researchers	
say that that ice cream made with the new ingredient could be in	
supermarket (16) within three to five years.	

# **LISTENING** – Guess the answers. Listen to check.

From http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html

1)	Scientists may have discovered something that could be a. very welcomes news b. very welcomed news c. very welcome news d. very welcoming news
2)	slow down the rate at which ice cream melts and gives the ice cream a. a smooth textures b. a smooth textured c. a smooth text are d. a smooth texture
3)	It is a naturally occurring protein that keeps ice cream frozen for a longer  a. period of time b. period for time c. periods of time d. period of times
4)	slows down the melting process through a bonding of a. air, water or fat b. air, water and fat c. air, water the fat d. air, water and fats
5)	We're excited by the potential this new ingredient ice cream a. has from improving b. has of improving c. has far improving d. has for improving
6)	friendly bacteria that could be used in other food to reduce levels a. of saturating fat b. of saturates fat c. of saturate fat d. of saturated fat
7)	The researchers say it could prove a valuable ingredient in  a. many kinds of foods  b. many kinds of foodies  c. many kinds of food  d. many kinds of fodder
8)	It also comes with green credentials as it can be produced from sustainablea. raw materials b. law materials c. raw material d. law material
9)	the applied use of a protein that was initially identified due to its bacteria a. practical porpoise in b. practical propose in c. practical purpose in d. practical proposal in
10)	the new ingredient could be in supermarket freezers five years a. with in three to b. within three to c. wither three to d. without three to

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

From <a href="http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html">http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html</a>

Scientists may have discovered something (1)
welcome news for ice cream lovers around the world. Their discovery is a
new ingredient that could slow (2) which ice cream
melts and gives the ice cream (3) It is a naturally
occurring protein that keeps ice cream frozen for (4)
time during hot weather. Research teams at two universities in Scotland
found that the protein, called BsIA, (5) melting
process through a bonding of air, water and fat. Project leader professor Cait
MacPhee said: "We're excited (6) this new
ingredient has for improving ice cream, both for consumers and for
manufacturers."
manufacturers."  The protein (7) friendly bacteria that could be used
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The protein (7) friendly bacteria that could be used in other food to reduce levels (8) and calories. The
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# **COMPREHENSION QUESTIONS**

From <a href="http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html">http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html</a>

1.	Who might the new discovery be welcome news for?
2.	What kind of texture will the new protein give the ice cream?
3.	In which country did the research take place?
4.	Who is Cait MacPhee?
5.	Who will the new ice cream have potential for besides consumers?
6.	What could the protein reduce in other food besides calories?
7.	What kind of credentials does the protein have?
8.	What kind of raw materials did the article say the protein comes from?
9.	What kind of experience did Dr Stanley-Wall say the research was?
10.	Where could the new ice cream be in four years from now?

# **MULTIPLE CHOICE - QUIZ**

Who might the new discovery be

From <a href="http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html">http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html</a>

	welcome news for?	•	food besides calories?
	a) scientists		a) additives
	b) pensioners		b) saturated fat
	c) ice cream lovers		c) flavouring
	d) people in Finland		d) sugar
2.	What kind of texture will the new protein give the ice cream?	7.	What kind of credentials does the protein have?
	a) smooth		a) green
	b) rich		b) good
	c) rough		c) tasty
	d) cold		d) sweet
3.	In which country did the research take place?	8.	What kind of raw materials did the article say the protein comes from?
	a) Scotland		a) fresh ones
	b) Iceland		b) expensive ones
	c) South Africa		c) sustainable ones
	d) New Zealand		d) bacterial ones
4.	Who is Cait MacPhee?	9.	What kind of experience did Dr Stanley- Wall say the research was?
	a) an ice cream lover		a) discovering
	b) a professor		b) stimulating
	c) an ice cream flavour tester		c) tasty
	d) an ice cream company CEO		d) enjoyable
5.	Who will the new ice cream have potential for besides consumers?	10.	Where could the new ice cream be in four years from now?
	a) dairy farmers		a) freezers
	b) apple pie makers		b) Iceland
	c) doctors		c) worldwide
	d) manufacturers		d) in a research lab

6.

What could the protein reduce in other

### **ROLE PLAY**

From http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html

#### Role A - Ice cream

You think ice cream is the best dessert. Tell the others three reasons why. Tell them why their desserts aren't so good. Also, tell the others which is the worst of these (and why): fruit salad, cheesecake or brownies.

#### Role B - Fruit salad

You think fruit salad is the best dessert. Tell the others three reasons why. Tell them why their desserts aren't so good. Also, tell the others which is the worst of these (and why): ice cream, cheesecake or brownies.

### Role C - Cheesecake

You think cheesecake is the best dessert. Tell the others three reasons why. Tell them why their desserts aren't so good. Also, tell the others which is the worst of these (and why): fruit salad, ice cream or brownies.

#### Role D - Brownies

You think brownies are the best dessert. Tell the others three reasons why. Tell them why their desserts aren't so good. Also, tell the others which is the worst of these (and why): fruit salad, cheesecake or ice cream.

### AFTER READING / LISTENING

From <a href="http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html">http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html</a>

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

ice	cream

- 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:

welcome	<ul> <li>friendly</li> </ul>
• smooth	• prove
• teams	• green
<ul> <li>during</li> </ul>	<ul> <li>enjoyable</li> </ul>
• air	• fun
<ul> <li>excited</li> </ul>	<ul><li>three</li></ul>

### **ICE CREAM SURVEY**

From <a href="http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html">http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html</a>

Write five GOOD questions about ice cream 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.

### **ICE CREAM DISCUSSION**

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

- 1) What did you think when you read the headline?
- 2) What springs to mind when you hear the word 'ice cream'?
- 3) How important is ice cream to you?
- 4) Which is better ice cream or sorbet? Why?
- 5) What do you think about what you read?
- 6) Do you think there should be things like spicy ice cream?
- 7) What are your childhood memories of ice cream?
- 8) What three adjectives best describe ice cream?
- 9) How much of an ice cream lover are you?
- 10) What do you know about the history of ice cream?

Slow-melting ice cream could be here soon – 2nd September, 2015 More free lessons at www.BreakingNewsEnglish.com

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### **ICE CREAM DISCUSSION**

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

- 11) Did you like reading this article? Why/not?
- 12) How would you describe the taste of ice cream?
- 13) What's your favourite kind of ice cream, and why?
- 14) Why is ice cream always the perfect dessert?
- 15) How will the new ice cream change your life?
- 16) What new flavours of ice cream would you like to see?
- 17) What other uses do you think this protein could have?
- 18) What are 'green credentials'?
- 19) How good (or bad) is ice cream for you?
- 20) What questions would you like to ask the researchers?

# **DISCUSSION** (Write your own questions)

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

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	SSION					s)
SCU		(Write	your o	wn que	estion	s)
SCU	SSION	(Write	your o	wn que	estion	s)
SCU	SSION	(Write	your o	wn que	estion	s)
SCU	SSION	(Write	your o	wn que	estion	s)
SCU	SSION	(Write	your o	wn que	estion	s)
SCU	SSION	(Write	your o	wn que	estion	s)
ISCU	SSION	(Write	your o	wn que	estion	s)

# **LANGUAGE - CLOZE**

From <a href="http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html">http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html</a>

Scier	ntists	may have disco	vered	d something th	at co	uld be very (1)	)	_ news for ice
crea	n lov	ers around the	world	l. Their discov	ery is	a (2) in	gredi	ent that could
slow	down	the (3) a	t whi	ch ice cream n	nelts	and gives the i	ce cre	eam a smooth
textu	ıre. It	is a naturally o	occur	ring protein th	at ke	eps ice cream	froze	n for a longer
perio	d of t	ime (4) ho	ot we	ather. Researd	h tea	ms at two univ	ersiti	es in Scotland
foun	d tha	t the protein, c	alled	BsIA, slows of	down	the melting ( $% \left( 1\right) =\left( 1\right) \left( 1\right) =\left( 1\right) \left( 1\right) \left( 1\right) =\left( 1\right) \left( 1\right) \left($	5)	through a
bond	ing o	f air, water and	d fat.	Project leade	r prof	fessor Cait Ma	cPhee	e said: "We're
		the potential th			as (6	) improv	ing ic	e cream, both
for c	onsun	ners and for ma	nufac	cturers."				
The	protei	n is a kind of fr	iendl	v bacteria that	coul	d be used in o	ther f	ood to reduce
		aturated fat and		-				
		in many kinds				-		
_		h green credent					-	
Profe	essor	MacPhee's (9)		_ Dr Nicola St	anley	-Wall describe	d the	e research as
being	g an e	enjoyable exper	ience	. She said: "I	t has	been fun wor	king (	(10) the
appli	ed us	se of a protein	that	t was initially	iden	tified (11)	to	its practical
purp	ose ir	n bacteria." The	rese	archers say th	nat th	at ice cream r	nade	with the new
ingre	edient	could be in sup	erma	rket freezers (	12) _	three to fi	ve ye	ars.
Put	the c	orrect words f	rom	the table belo	ow in	the above a	ticle	•
1.	(a)	welcoming	(b)	welcomed	(c)	welcomes	(d)	welcome
2.	(a)	knew	(b)	news	(c)	newly	(d)	new
3.	(a)	late	(b)	rate	(c)	date	(d)	mate
4.	(a)	within	(b)	inside	(c)	during	(d)	time
5.	(a)	process	(b)	flow	(c)	system	(d)	course
6.	(a)	for	(b)	as	(c)	at	(d)	to
7.	(a)	manifest	(b)	evidence	(c)	proof	(d)	prove
8.	(a)	beneficial	(b)	benefit	(c)	beneficiary	(d)	benefactor
9.	(a)	college	(b)	colleague	(c)	collagen	(d)	collage
10.	(a)	by	(b)	at	(c)	on	(d)	of
11.	(a)	because	(b)	by	(c)	due	(d)	however
12.	(a)	wither	(b)	within	(c)	without	(d)	with it

### **SPELLING**

From http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html

### Paragraph 1

- 1. a new <u>nreintideg</u>
- 2. gives the ice cream a smooth <u>rutexet</u>
- 3. a naturally <u>ougnirccr</u> protein
- 4. slows down the melting <u>seropcs</u>
- 5. We're excited by the ntiptaoel
- 6. for onmecusrs and for manufacturers

### Paragraph 2

- 7. a kind of friendly <u>bareiatc</u>
- 8. reduce levels of ruaeatdts fat
- 9. <u>efaeilbcni</u> to food companies
- 10. green <u>taensclride</u>
- 11. lasnaiuebst raw materials
- 12. initially <u>dtinefidie</u> due to its practical purpose

# **PUT THE TEXT BACK TOGETHER**

From http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html

#### Number these lines in the correct order.

(	)	levels of saturated fat and calories. The researchers say it could prove a valuable ingredient in many kinds
(	)	world. Their discovery is a new ingredient that could slow down the rate at which ice cream melts and gives the ice cream a smooth
(		the research as being an enjoyable experience. She said: "It has been fun working on the applied
(	1 )	Scientists may have discovered something that could be very welcome news for ice cream lovers around the
(	)	the protein, called BsIA, slows down the melting process through a bonding of air, water
(	)	The protein is a kind of friendly bacteria that could be used in other food to reduce
(	)	ingredient has for improving ice cream, both for consumers and for manufacturers."
(	)	that that ice cream made with the new ingredient could be in
	,	supermarket freezers within three to five years.
(	)	_
	)	supermarket freezers within three to five years.  of food and be very beneficial to food companies. It also comes with
(	)	supermarket freezers within three to five years.  of food and be very beneficial to food companies. It also comes with green credentials as it can  use of a protein that was initially identified due to its practical
(	)	supermarket freezers within three to five years.  of food and be very beneficial to food companies. It also comes with green credentials as it can  use of a protein that was initially identified due to its practical purpose in bacteria." The researchers say  and fat. Project leader professor Cait MacPhee said: "We're excited
(	)	supermarket freezers within three to five years.  of food and be very beneficial to food companies. It also comes with green credentials as it can  use of a protein that was initially identified due to its practical purpose in bacteria." The researchers say  and fat. Project leader professor Cait MacPhee said: "We're excited by the potential this new  time during hot weather. Research teams at two universities in

# PUT THE WORDS IN THE RIGHT ORDER

From http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html

1.	cream ice for news welcome Very world the around lovers .
2.	the which melts down at cream Slow rate ice .
3.	frozen naturally that cream A protein ice occurring keeps .
4.	longer time weather a of hot For period during .
5.	new by this has excited potential ingredient We're the .
6.	used food bacteria be other Friendly could in that .
7.	ingredient could prove Researchers a say valuable it .
8.	can raw be materials produced from It sustainable .
9.	the being experience described as enjoyable Wall research an .
10.	freezers to supermarket three years in within five Be .

# **CIRCLE THE CORRECT WORD (20 PAIRS)**

From <a href="http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html">http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html</a>

Scientists may have *discovered / discovery* something that could be very welcome news for ice cream *loves / lovers* around the world. Their discovery is a new *ingredient / expedient* that could slow down the rate *to / at* which ice cream melts and gives the ice cream a *smooth / smoothly* texture. It is a naturally occurring protein that keeps ice cream frozen for a *length / longer* period of time *during / between* hot weather. Research teams at two universities in Scotland found that the protein, called BsIA, slows down the melting process through a *banding / bonding* of air, water and fat. Project leader professor Cait MacPhee said: "We're excited by the *potentially / potential* this new ingredient has for improving ice cream, *both / either* for consumers and for manufacturers."

The protein is a kind of friendly bacteria that could be used in other food to reduce levels of *saturation / saturated* fat and calories. The researchers say it could *proof / prove* a valuable ingredient in many kinds of food and be very *beneficial / benefits* to food companies. It also comes *within / with* green credentials as it can be produced from *sustenance / sustainable* raw materials. Professor MacPhee's *colleague / collage* Dr Nicola Stanley-Wall described the research as being an enjoyable experience. She said: "It has been fun working on the *applicable / applied* use of a protein that was initially *identify / identified* due to its practical *porpoise / purpose* in bacteria." The researchers say that that ice cream made with the new ingredient could be in supermarket freezers *within / without* three to five years.

Talk about the connection between each pair of words in italics, and why the correct word is correct.

### **INSERT THE VOWELS (a, e, i, o, u)**

From http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html

Sc\_\_nt\_sts m\_y h\_v\_ d\_sc\_v\_r\_d s\_m\_th\_ng th\_t c\_\_ld b v ry w lc m n ws f r c cr m l v rs r nd th w\_rld. Th\_\_r d\_sc\_v\_ry \_s \_ n\_w \_ngr\_d\_\_nt th\_t c\_\_ld sl\_w d\_wn th\_ r\_t\_ \_t wh\_ch \_c\_ cr\_\_m m\_lts \_nd g\_v\_s th\_ \_c\_ cr\_\_m \_ sm\_\_th t\_xt\_r\_. \_t \_s \_ n\_t\_r\_lly \_cc\_rr\_ng pr\_t\_n th\_t k\_\_ps \_c\_ cr\_\_m fr\_z\_n f\_r \_ l\_ng\_r p\_r\_\_d \_f t\_m\_ d\_r\_ng h\_t w\_\_th\_r. R\_s\_\_rch t\_\_ms \_t tw\_ \_n\_v\_rs\_t\_\_s \_n Sc\_tl\_nd f\_\_nd th\_t th\_ pr\_t\_\_n, c\_ll\_d Bs\_\_, sl\_ws d\_wn th\_ m\_lt\_ng pr\_c\_ss thr\_\_gh \_ b\_nd\_ng \_f \_\_r, w\_t\_r \_nd f\_t. Pr\_j\_ct l\_\_d\_r pr\_f\_ss\_r C\_\_t M\_cPh\_\_ s d: "W'r xctd by th pt nt I th s n w \_ngr\_d\_\_nt h\_s f\_r \_mpr\_v\_ng \_c\_ cr\_\_m, b\_th f\_r c\_ns\_m\_rs \_nd f\_r m\_n\_f\_ct\_r\_rs." Th\_ pr\_t\_\_n \_s \_ k\_nd \_f fr\_\_ndly b\_ct\_r\_\_ th\_t c\_\_ld b\_ \_s\_d \_n \_th\_r f\_\_d t\_ r\_d\_c\_ |\_v\_ls \_f s\_t\_r\_t\_d f\_t \_nd c\_l\_r\_s. Th\_ r\_s\_\_rch\_rs s\_y \_t c\_\_ld pr\_v\_ \_ v\_l\_\_bl\_ \_ngr\_d\_\_nt \_n m\_ny k\_nds \_f f\_\_d \_nd b\_ v\_ry b\_n\_f\_c\_\_l t\_ f\_\_d c\_mp\_n\_\_s. \_t \_ls\_ c\_m\_s w\_th gr\_\_n cr\_d\_nt\_\_ls \_s \_t c\_n b\_ pr\_d\_c\_d fr\_m s st n bl r w m t r ls. Pr f ss r M cPh 's c\_ll\_\_g\_\_ Dr N\_c\_l\_ St\_nl\_y-W\_ll d\_scr\_b\_d th\_ r\_s\_\_rch \_s b\_\_ng \_n \_nj\_y\_bl\_ \_xp\_r\_\_nc\_. Sh\_ s\_\_d: "\_t h\_s b\_\_n f\_n w\_rk\_ng \_n th\_ \_ppl\_\_d \_s\_ \_f \_  $pr_t_n t_n th_t w_s _n_t_lly _d_nt_f_d d__ t__ts$ pr\_ct\_c\_l p\_rp\_s\_ \_n b\_ct\_r\_\_." Th\_ r\_s\_\_rch\_rs s\_y th\_t th\_t \_c\_ cr\_\_m m\_d\_ w\_th th\_ n\_w \_ngr\_d\_\_nt c\_\_ld b\_ \_n s\_p\_rm\_rk\_t fr\_\_z\_rs w\_th\_n thr\_\_ t\_ f\_v\_  $y_{-}rs.$ 

### PUNCTUATE THE TEXT AND ADD CAPITALS

From <a href="http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html">http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html</a>

scientists may have discovered something that could be very welcome news for ice cream lovers around the world their discovery is a new ingredient that could slow down the rate at which ice cream melts and gives the ice cream a smooth texture it is a naturally occurring protein that keeps ice cream frozen for a longer period of time during hot weather research teams at two universities in scotland found that the protein called bsia slows down the melting process through a bonding of air water and fat project leader professor cait macphee said "we're excited by the potential this new ingredient has for improving ice cream both for consumers and for manufacturers"

the protein is a kind of friendly bacteria that could be used in other food to reduce levels of saturated fat and calories the researchers say it could prove a valuable ingredient in many kinds of food and be very beneficial to food companies it also comes with green credentials as it can be produced from sustainable raw materials professor macphee's colleague dr nicola stanley-wall described the research as being an enjoyable experience she said "it has been fun working on the applied use of a protein that was initially identified due to its practical purpose in bacteria" the researchers say that that ice cream made with the new ingredient could be in supermarket freezers within three to five years

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html

Scientistsmayhavediscoveredsomethingthatcouldbeverywelcomen ewsforicecreamloversaroundtheworld. Their discovery is a new ingredi entthatcouldslowdowntherateatwhichicecreammeltsandgivestheic ecreamasmoothtexture. It is an aturally occurring protein that keep sice creamfrozenforalongerperiodoftimeduringhotweather.Researchtea msattwouniversitiesinScotlandfoundthattheprotein,calledBsIA,slo wsdownthemeltingprocessthroughabondingofair, waterandfat. Proje ctleaderprofessorCaitMacPheesaid:"We'reexcitedbythepotentialthi snewingredienthasforimprovingicecream, both for consumers and for manufacturers."Theproteinisakindoffriendlybacteriathatcouldbeus edinotherfoodtoreducelevelsofsaturatedfatandcalories. Theresearc herssayitcouldproveavaluableingredientinmanykindsoffoodandbev erybeneficialtofoodcompanies. It also comes with green credentials as i tcanbeproducedfromsustainablerawmaterials.ProfessorMacPhee'sc olleagueDrNicolaStanley-Walldescribedtheresearchasbeinganenj oyableexperience. Shesaid: "Ithasbeenfunworkingontheapplieduseo" faproteinthatwasinitiallyidentifiedduetoitspracticalpurposeinbacteri a. "Theresearcherssaythatthaticecreammadewiththenewing redient couldbeinsupermarketfreezerswithinthreetofiveyears.

# **FREE WRITING**

From <a href="http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html">http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html</a>

Write about ice	cream for 10 minutes.	Comment on your par	tner's paper.

# **ACADEMIC WRITING**

From http://www.BreakingNewsEnglish.com/1509/150902-ice-cream.html

ce cream is the world's greatest dessert. Discuss.						

### **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 ice cream. Share what you discover with your partner(s) in the next lesson.
- **3. ICE CREAM:** Make a poster about ice cream. Show your work to your classmates in the next lesson. Did you all have similar things?
- **4. SLOWER-MELTING ICE CREAM:** Write a magazine article about the slower-melting ice cream. Include imaginary interviews with people who are for and against it.

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. WHAT HAPPENED NEXT?** Write a newspaper article about the next stage in this news story. Read what you wrote to your classmates in the next lesson. Give each other feedback on your articles.
- **6. LETTER:** Write a letter to an expert on ice cream. Ask him/her three questions about it. Give him/her three ideas on how to improve it. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

### **ANSWERS**

### TRUE / FALSE (p.4)

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

### **SYNONYM MATCH (p.4)**

- 1. welcome
- 2 discovery
- 3. rate
- 4. occurring
- 5. bonding
- 6. reduce
- 7. valuable
- 8. colleague
- 9. initially
- 10. within

- a. pleasing
- b. find
- c. speed
- d. existing
- e. joining
- f. lower
- q. precious
- h. co-worker
- i. at first
- j. inside

### **COMPREHENSION QUESTIONS (p.8)**

- 1. Ice cream lovers
- 2. Smooth
- 3. Scotland
- 4. A professor / project leader
- 5. Manufacturers
- 6. Saturated fat
- 7. Green
- 8. Sustainable ones
- 9. Enjoyable
- 10. Freezers

# **MULTIPLE CHOICE - QUIZ (p.9)**

1. c 2. a 3. a 4. b 5. d 6. b 7. a 8. c 9. d 10. a

#### **ALL OTHER EXERCISES**

Please check for yourself by looking at the Article on page 2. (It's good for your English ;-)