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## **Bread that stays fresh for 60 days**

**3rd December, 2012**

<http://www.breakingnewsenglish.com/1212/121203-bread.html>

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# THE ARTICLE

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

American scientists say they can make bread last for up to two months. They have found a way to stop mould or fungus growing on bread and other food. The researchers are from a biotechnology company called MicroZap. The company's name gives a clue to how their technology works. They use high-powered microwaves to zap the food and kill anything that could grow fungus. They started their project to find an answer to the superbugs that are found in many U.S. hospitals. However, they soon discovered that their technique could sterilise food. The scientists say they only need to microwave the bread for about ten seconds and then it is OK to eat 60 days later. They also say the taste of the bread stays the same.

The scientists believe their discovery could stop people throwing away so much food. Studies show that Americans put around 40 per cent of the food they buy into the trash. Having food that lasts longer would save people money and help the Earth. Another benefit of MicroZap's technology is in stopping disease. Illness from food has a huge impact on society. There are 76 million cases of food poisoning in America every year, with 5,000 deaths. It costs the economy about \$6 billion annually. The company hopes to use its technology soon in making safe, ready-made meals for war zones and areas hit by disasters. MicroZapping could become the best thing since sliced bread.

Sources: <http://www.bbc.co.uk/news/science-environment-20540758>  
<http://www.microzap.net/>  
<http://www.guardian.co.uk/science/2012/nov/30/microwave-zaps-food-bugs-shelf-life>

# WARM-UPS

**1. BREAD:** Walk around the class and talk to other students about bread. Change partners often and share your findings.

**2. CHAT:** In pairs / groups, decide which of these topics or words from the article are most interesting and which are most boring.

*scientists / fungus / biotechnology / microwaves / superbugs / sterilize food / taste / discovery / throwing away food / food poisoning / ready-made meals / sliced bread*

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

**3. LONG LASTING:** Your company makes these things. Complete the table with your partner(s). Change partners and share what you wrote. Change and share again.

Long-lasting...	Its name	What it does	How it will change the world
toothpaste			
tissues			
bananas			
printer ink			
baby diapers			
beef			

**4. NO WASTE:** Students A **strongly** believe we will not waste food in the future; Students B **strongly** believe we will waste even more food than we waste today. Change partners again and talk about your conversations.

**5. WORLD BREAD:** Which are your favourites? Rank these and share your rankings with your partner. Put the best at the top. Change partners often.

- croissant
- sandwich bread
- tortilla
- pizza bread
- Indian nan bread
- toast
- fried bread
- pita bread

**6. MICROWAVE:** Spend one minute writing down all of the different words you associate with the word 'microwave'. 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/1212/121203-bread.html>

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

- |  |       |
|--|-------|
| a. Scientists have created a technique to make bread last longer.        | T / F |
| b. The name of the biotechnology company in the article is MacroZip.     | T / F |
| c. The researchers used microwaves to treat the bread.                   | T / F |
| d. Scientists say one disadvantage is the bread tastes a little strange. | T / F |
| e. The company thinks their discovery could stop people wasting food.    | T / F |
| f. About 40% of the food bought in the USA goes into the trash.          | T / F |
| g. Around 7.6 million Americans a year suffer from food poisoning.       | T / F |
| h. The article says the biotech company could help slice bread better.   | T / F |

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

- |                  |             |
|------------------|-------------|
| 1. last          | a. clean    |
| 2. way           | b. effect   |
| 3. clue          | c. finding  |
| 4. sterilise     | d. survive  |
| 5. stays         | e. trashing |
| 6. discovery     | f. hint     |
| 7. throwing away | g. yearly   |
| 8. huge          | h. method   |
| 9. impact        | i. remains  |
| 10. annually     | j. very big |

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

- |                             |                            |
|-----------------------------|----------------------------|
| 1. they can make bread last | a. sterilise food          |
| 2. a way to stop mould or   | b. and help the Earth      |
| 3. their technique could    | c. stays the same          |
| 4. microwave the bread for  | d. away so much food       |
| 5. the taste of the bread   | e. meals for war zones     |
| 6. stop people throwing     | f. for up to two months    |
| 7. save people money        | g. food poisoning          |
| 8. 76 million cases of      | h. fungus growing on bread |
| 9. ready-made               | i. sliced bread            |
| 10. the best thing since    | j. about ten seconds       |

# WHILE READING / LISTENING

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

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

American scientists say they can make bread (1) \_\_\_\_\_ for up to two months. They have found a way to stop mould or fungus (2) \_\_\_\_\_ on bread and other food. The researchers are from a biotechnology company called MicroZap. The company's name gives a (3) \_\_\_\_\_ to how their technology works. They use high-powered microwaves to (4) \_\_\_\_\_ the food and kill anything that could grow fungus. They started their project to (5) \_\_\_\_\_ an answer to the superbugs that are found in many U.S. hospitals. However, they soon (6) \_\_\_\_\_ that their technique could sterilise food. The scientists say they only need to microwave the bread for about ten seconds and then it is (7) \_\_\_\_\_ to eat 60 days later. They also say the taste of the bread (8) \_\_\_\_\_ the same.

*discovered*

*clue*

*last*

*stays*

*find*

*growing*

*OK*

*zap*

The scientists believe their discovery could stop people throwing (9) \_\_\_\_\_ so much food. Studies show that Americans put around 40 per cent of the food they buy into the (10) \_\_\_\_\_. Having food that lasts (11) \_\_\_\_\_ would save people money and help the Earth. Another benefit of MicroZap's technology is in (12) \_\_\_\_\_ disease. Illness from food has a (13) \_\_\_\_\_ impact on society. There are 76 million cases of food (14) \_\_\_\_\_ in America every year, with 5,000 deaths. It costs the economy about \$6 billion (15) \_\_\_\_\_. The company hopes to use its technology soon in making safe, ready-made meals for war zones and areas hit by disasters. MicroZapping could become the best thing since (16) \_\_\_\_\_ bread.

*huge*

*longer*

*away*

*sliced*

*poisoning*

*trash*

*stopping*

*annually*

# LISTENING – Guess the answers. Listen to check

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

- 1) American scientists say they can make bread \_\_\_\_\_ months.
  - a. last for two up to
  - b. last for up two
  - c. last to up for two
  - d. last for up to two
- 2) The company's name \_\_\_\_\_ how their technology works.
  - a. give a clue to
  - b. gives a clue to
  - c. gives a crew too
  - d. give Zack U2
- 3) ... find an answer to the \_\_\_\_\_ that are found in many U.S. hospitals
  - a. soup of bugs
  - b. superb bugs
  - c. superbugs
  - d. sue per bags
- 4) ...microwave the bread for about ten seconds \_\_\_\_\_ eat 60 days later.
  - a. and than it isn't OK to
  - b. and then it is OK to
  - c. and then is it ON to
  - d. and than it isn't OK to
- 5) They also say the \_\_\_\_\_ stays the same.
  - a. taste of the bread
  - b. tasty of the bread
  - c. taste for the bread
  - d. taste of a bread
- 6) ... stop people \_\_\_\_\_ much food.
  - a. throwing away so
  - b. throwing away such
  - c. throwing up so
  - d. threw away so
- 7) Having food that \_\_\_\_\_ people money...
  - a. longer lasts save wood
  - b. longer lasts save would
  - c. lasts longer would save
  - d. lasts longer wood serve
- 8) Illness from food \_\_\_\_\_ impact on society.
  - a. has a few, gee
  - b. has a huge gym
  - c. have a huge
  - d. has a huge
- 9) There are \_\_\_\_\_ poisoning in America every year...
  - a. 76 million causes of food
  - b. 76 million cases of food
  - c. 706 million cases of food
  - d. 76 billion cases of food
- 10) MicroZapping could become the best \_\_\_\_\_ bread.
  - a. thing since sliced
  - b. things in iced
  - c. think since iced
  - d. thing since liced

Bread that stays fresh for 60 days – 3rd December, 2012

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## LISTENING – Listen and fill in the gaps

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

American scientists say they can make bread (1) \_\_\_\_\_ months. They have (2) \_\_\_\_\_ mould or fungus growing on bread and other food. The researchers are from a biotechnology company called MicroZap. The company's name (3) \_\_\_\_\_ their technology works. They use high-powered microwaves to zap the food and (4) \_\_\_\_\_ grow fungus. They started their project to find an answer to the superbugs that are found in many U.S. hospitals. However, they (5) \_\_\_\_\_ their technique could sterilise food. The scientists say they only need to microwave the bread for about ten seconds and then it is OK to eat 60 days later. They also (6) \_\_\_\_\_ bread stays the same.

The scientists believe their discovery could stop (7) \_\_\_\_\_ much food. Studies show that Americans put around 40 per cent of the food they (8) \_\_\_\_\_. Having food that lasts longer would save people money and help the Earth. Another benefit of MicroZap's technology is in stopping disease. Illness from food (9) \_\_\_\_\_ on society. There are (10) \_\_\_\_\_ food poisoning in America every year, with 5,000 deaths. It costs the economy about \$6 billion annually. The company (11) \_\_\_\_\_ technology soon in making safe, ready-made meals for war zones and areas hit by disasters. MicroZapping could become the best (12) \_\_\_\_\_.

# COMPREHENSION QUESTIONS

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

1. Who said they could make bread last longer?

---

2. What can scientists stop growing on bread?

---

3. What kind of company is MicroZap?

---

4. What did scientists discover their technique could do to food?

---

5. What happens to the taste of the bread?

---

6. How much food do Americans waste each year?

---

7. What could longer-lasting food help people save?

---

8. What kind of impact on society does illness from food have?

---

9. How many Americans does food poisoning kill every year?

---

10. What could MicroZapping become?

---



# MULTIPLE CHOICE - QUIZ

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

1. Who says they can make bread last longer?
  - a) bread company bosses
  - b) American chefs
  - c) bakers
  - d) American scientists
2. What can they stop from growing on bread?
  - a) fungicide
  - b) fungus
  - c) fingers
  - d) fingerprints
3. What kind of company is MicroZap?
  - a) a biohazard company
  - b) a biological company
  - c) a biography company
  - d) a biotechnology company
4. Why did the researchers start their project?
  - a) to help feed the world
  - b) to make a super-bread
  - c) to kill superbugs
  - d) to get a Nobel Prize
5. For how long is the bread zapped?
  - a) one second
  - b) two seconds
  - c) five seconds
  - d) ten seconds
6. What might the discovery stop people doing?
  - a) throwing down food
  - b) throwing up food
  - c) throwing away food
  - d) throwing food across the table
7. Where does around 40% of food in the US go?
  - a) into the trash
  - b) into food-aid programmes (UK) / programs (USA)
  - c) into people's mouths
  - d) into restaurant kitchens
8. What could longer-lasting food help?
  - a) bakeries
  - b) savers
  - c) the Earth
  - d) biotechnologists
9. How much does food poisoning cost the USA annually?
  - a) \$6 million
  - b) \$6 billion
  - c) \$16 billion
  - d) \$60 billion
10. What could MicroZap provide for war zones and disaster areas?
  - a) ready-made meals
  - b) technology
  - c) bakers
  - d) sliced bread

# ROLE PLAY

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

## **Role A – MicroZap boss**

You think MicroZap is totally great - the best thing since sliced bread. Tell the other three reasons why. You don't understand why people say your discover is dangerous. You think it will help save millions of lives and billions of dollars. It is the most important discovery of this century.

## **Role B – Boss of bakery**

You are worried about MicroZap's technology. You think it is dangerous. Tell the other three reasons why. You think bread is bread – it should only last a few days. Fresh bread tastes best. People can save money by buying less food. They can avoid food poisoning by eating fresher food.

## **Role C – Head of World Food Programme**

You are very excited about MicroZap's new technology. You hope it will help the U.N. feed millions of hungry people. You don't like the cost – it is very expensive. You want MicroZap to give you the technology for free. The bakery boss is only worried about his/her profits.

## **Role D – A consumer**

You are tired of companies changing food. You think it will change our bodies and give us new diseases. Food is best fresh. Tell the other 3 reasons why. People will still throw away food even if it lasts 60 days. You are worried bakeries will disappear and bread will be made by biotechnology companies.

# AFTER READING / LISTENING

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

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

<b>stay</b>	<b>fresh</b>
-------------	--------------

- 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 style="list-style-type: none"><li>• up to</li><li>• clue</li><li>• kill</li><li>• project</li><li>• ten</li><li>• taste</li></ul>	<ul style="list-style-type: none"><li>• believe</li><li>• trash</li><li>• benefit</li><li>• huge</li><li>• 5,000</li><li>• sliced</li></ul>
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# BREAD SURVEY

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

Write five GOOD questions about bread 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.

## **BREAD DISCUSSION**

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

- a) What did you think when you read the headline?
- b) What springs to mind when you hear the word 'bread'?
- c) What do you think about MicroZap's new technology?
- d) Do you think the technology could be dangerous?
- e) Do you have problems with food that doesn't last a long time?
- f) Do you like bread?
- g) How do people make bread in your country?
- h) Would you worry about eating bread that is two months old?
- i) Which is better – bread, pasta or rice?
- j) What do you think of the taste of bread?

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## **BREAD DISCUSSION**

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

- a) Did you like reading this article? Why/not?
- b) How much food do you throw away and why?
- c) Why do Americans throw 40% of their food away?
- d) How do you think MicroZap's technology could help the world?
- e) Have you ever had food poisoning?
- f) What would you do if bread disappeared from the Earth?
- g) What do you think of the name "MicroZap"?
- h) What does "the best thing since sliced bread" mean?
- i) What do you think is the best thing since sliced bread?
- j) What questions would you like to ask the MicroZap researchers?

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

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

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

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_

# MULTIPLE CHOICE - LANGUAGE

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

American scientists say they can make bread (1) \_\_\_\_\_ for up to two months. They have found a way to stop mould or fungus (2) \_\_\_\_\_ on bread and other food. The researchers are from a biotechnology company called MicroZap. The company's name gives a (3) \_\_\_\_\_ to how their technology works. They use high-powered microwaves to zap the food and kill anything that could grow fungus. They started their project to (4) \_\_\_\_\_ an answer to the superbugs that are found in many U.S. hospitals. However, they soon (5) \_\_\_\_\_ that their technique could sterilise food. The scientists say they only need to microwave the bread for about ten seconds and then it is OK to eat 60 days later. They also say the taste of the bread (6) \_\_\_\_\_ the same.

The scientists believe their discovery could stop people (7) \_\_\_\_\_ away so much food. Studies show that Americans put around 40 per cent of the food they buy into the trash. (8) \_\_\_\_\_ food that lasts longer would save people money and help the Earth. Another (9) \_\_\_\_\_ of MicroZap's technology is in stopping disease. Illness from food has a huge impact (10) \_\_\_\_\_ society. There are 76 million cases of food poisoning in America every year, with 5,000 deaths. It costs the economy about \$6 billion (11) \_\_\_\_\_. The company hopes to use its technology soon in making safe, ready-made meals for war zones and areas hit by disasters. MicroZapping could become the best thing since (12) \_\_\_\_\_ bread.

## Put the correct words from the table below in the above article.

- |     |                |                |               |                 |
|-----|----------------|----------------|---------------|-----------------|
| 1.  | (a) lasted     | (b) lasts      | (c) lasting   | (d) last        |
| 2.  | (a) planting   | (b) harvesting | (c) seeding   | (d) growing     |
| 3.  | (a) glue       | (b) clue       | (c) hue       | (d) true        |
| 4.  | (a) search     | (b) look       | (c) find      | (d) investigate |
| 5.  | (a) discovered | (b) discovery  | (c) discovers | (d) discovering |
| 6.  | (a) stays      | (b) keep       | (c) always    | (d) forever     |
| 7.  | (a) threw      | (b) throws     | (c) thrown    | (d) throwing    |
| 8.  | (a) Having     | (b) Being      | (c) Lasting   | (d) Longing     |
| 9.  | (a) cost       | (b) benefit    | (c) saving    | (d) goodness    |
| 10. | (a) at         | (b) of         | (c) on        | (d) as          |
| 11. | (a) years      | (b) annual     | (c) annually  | (d) year        |
| 12. | (a) slice      | (b) sliced     | (c) slices    | (d) slick       |

# SPELLING

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

## Paragraph 1

1. American insiescstt
2. The researchers are from a ioboheoclgtny company
3. They use high-powered eaiwmoscrv
4. They started their tjrceop
5. their uecihenqt could sterilise food
6. the seatt of the bread

## Paragraph 2

7. their esdircvyo could stop people
8. stopping sdseiae
9. food pnnsooiig
10. It costs the economy about \$6 billion Innauyla
11. eadyr-daem meals for war zones
12. the best thing since desicl bread



# PUT THE TEXT BACK TOGETHER

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

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

- ( ) disease. Illness from food has a huge impact on society. There are 76 million cases of food
- ( ) food. The scientists say they only need to microwave the bread for about ten seconds and then it is
- ( ) MicroZap. The company's name gives a clue to how their technology works. They use high-powered microwaves to zap the food and kill anything
- ( ) or fungus growing on bread and other food. The researchers are from a biotechnology company called
- ( ) poisoning in America every year, with 5,000 deaths. It costs the economy about \$6 billion annually. The company hopes
- ( ) The scientists believe their discovery could stop people throwing away so much food. Studies show that
- ( ) that could grow fungus. They started their project to find an answer to the superbugs that are found
- ( **1** ) American scientists say they can make bread last for up to two months. They have found a way to stop mould
- ( ) longer would save people money and help the Earth. Another benefit of MicroZap's technology is in stopping
- ( ) Americans put around 40 per cent of the food they buy into the trash. Having food that lasts
- ( ) hit by disasters. MicroZapping could become the best thing since sliced bread.
- ( ) in many U.S. hospitals. However, they soon discovered that their technique could sterilise
- ( ) to use its technology soon in making safe, ready-made meals for war zones and areas
- ( ) OK to eat 60 days later. They also say the taste of the bread stays the same.

# PUT THE WORDS IN THE RIGHT ORDER

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

1. bread last for up to two months They can make.

---

2. how to clue A works technology their.

---

3. Superbugs hospitals U.S. many in found are that.

---

4. seconds ten about for bread the Microwave.

---

5. of taste the say also They same the stays bread the.

---

6. food much so away throwing people Stop.

---

7. longer would Food save that people lasts money.

---

8. impact food huge society from a on Illness has.

---

9. the \$ annually costs about billion It economy 6.

---

10. since become thing bread could best sliced It the.

---

# CIRCLE THE CORRECT WORD (20 PAIRS)

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

American scientists say they can make bread *last / past* for up to two months. They have found a way to stop mould or fungus *growing / grown* on bread and other food. The researchers are from a biotechnology company *called / name* MicroZap. The company's name gives a *true / clue* to how their technology *works / work*. They use high-powered microwaves to zap the food and *dead / kill* anything that could grow fungus. They started their project to *find / search* an answer to the superbugs that are *finding / found* in many U.S. hospitals. However, they soon *discovery / discovered* that their technique could sterilise food. The scientists say they only *must / need* to microwave the bread for about ten seconds and then it is OK to eat 60 days later. They also say the taste of the bread stays the same.

The scientists believe their discovery could stop people *throwing / thrown* away so much food. Studies show *what / that* Americans put around 40 per cent of the food *they / we* buy into the trash. Having food that lasts *long / longer* would save people money and help the Earth. Another *cost / benefit* of MicroZap's technology is in *stopping / stops* disease. Illness from food has a *huge / hugging* impact on society. There are 76 million *cases / baskets* of food poisoning in America every year, with 5,000 deaths. It costs the economy about \$6 billion *annual / annually*. The company hopes to use its technology soon in making safe, ready-made meals for war zones and areas hit by disasters. MicroZapping could become the best thing since *slices / sliced* bread.

**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/1212/121203-bread.html>

\_m\_r\_c\_n sc\_\_nt\_sts s\_y th\_y c\_n m\_k\_ br\_\_d l\_st f\_r  
\_p t\_ tw\_ m\_nths. Th\_y h\_v\_ f\_\_nd \_w\_y t\_ st\_p  
m\_\_ld\_r f\_ng\_s gr\_w\_ng \_n br\_\_d \_nd \_th\_r f\_\_d. Th\_  
r\_s\_\_rch\_rs \_r\_ fr\_m \_b\_\_t\_chn\_l\_gy c\_m\_p\_ny c\_ll\_d  
M\_cr\_Z\_p. Th\_ c\_m\_p\_ny's n\_m\_ g\_v\_s \_cl\_\_t\_ h\_w  
th\_\_r t\_chn\_l\_gy w\_rks. Th\_y \_s\_ h\_gh-p\_w\_r\_d  
m\_cr\_w\_v\_s t\_ z\_p th\_ f\_\_d \_nd k\_ll \_nyth\_ng th\_t  
c\_\_ld gr\_w\_f\_ng\_s. Th\_y st\_rt\_d th\_\_r pr\_j\_ct t\_ f\_\_nd  
\_n \_nsw\_r t\_ th\_ s\_p\_rb\_gs th\_t \_r\_ f\_\_nd \_n m\_ny  
\_S. h\_sp\_t\_ls. H\_w\_v\_r, th\_y s\_\_n d\_sc\_v\_r\_d th\_t  
th\_\_r t\_chn\_q\_\_c\_\_ld st\_r\_l\_s\_ f\_\_d. Th\_ sc\_\_nt\_sts  
s\_y th\_y \_nly n\_\_d t\_ m\_cr\_w\_v\_ th\_ br\_\_d f\_r\_b\_\_t  
t\_n s\_c\_nds \_nd th\_n \_t\_s\_K t\_ \_\_t 60 d\_ys l\_t\_r.  
Th\_y \_ls\_ s\_y th\_ t\_st\_ \_f th\_ br\_\_d st\_ys th\_ s\_m\_.

Th\_ sc\_\_nt\_sts b\_l\_\_v\_ th\_\_r d\_sc\_v\_ry c\_\_ld st\_p  
p\_\_pl\_ thr\_w\_ng \_w\_y s\_ m\_ch f\_\_d. St\_d\_\_s sh\_w  
th\_t \_m\_r\_c\_ns p\_t\_r\_\_nd 40 p\_r\_c\_nt \_f th\_ f\_\_d  
th\_y b\_y \_nt\_ th\_ tr\_sh. H\_v\_ng f\_\_d th\_t l\_sts l\_ng\_r  
w\_\_ld s\_v\_ p\_\_pl\_ m\_n\_y \_nd h\_lp th\_ \_\_rth. \_n\_th\_r  
b\_n\_f\_t \_f M\_cr\_Z\_p's t\_chn\_l\_gy \_s\_ \_n st\_pp\_ng  
d\_s\_\_s. \_lln\_ss fr\_m f\_\_d h\_s \_h\_g\_ \_mp\_ct \_n  
s\_c\_\_ty. Th\_r\_ \_r\_ 76 m\_ll\_\_n c\_s\_s \_f f\_\_d  
p\_\_s\_n\_ng \_n \_m\_r\_c\_ \_v\_ry y\_\_r, w\_th 5,000 d\_\_ths.  
\_t c\_sts th\_ \_c\_n\_my \_b\_\_t \$6 b\_ll\_\_n \_nn\_\_lly. Th\_  
c\_m\_p\_ny h\_p\_s t\_ \_s\_ \_ts t\_chn\_l\_gy s\_\_n \_n m\_k\_ng  
s\_f\_, r\_\_dy-m\_d\_ m\_\_ls f\_r w\_r\_z\_n\_s \_nd \_r\_\_s h\_t  
by d\_s\_st\_rs. M\_cr\_Z\_pp\_ng c\_\_ld b\_c\_m\_ th\_ b\_st  
th\_ng s\_nc\_ sl\_c\_d br\_\_d.

# PUNCTUATE THE TEXT AND ADD CAPITALS

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

american scientists say they can make bread last for up to two months they have found a way to stop mould or fungus growing on bread and other food the researchers are from a biotechnology company called microzap the company's name gives a clue to how their technology works they use high-powered microwaves to zap the food and kill anything that could grow fungus they started their project to find an answer to the superbugs that are found in many us hospitals however they soon discovered that their technique could sterilise food the scientists say they only need to microwave the bread for about ten seconds and then it is ok to eat 60 days later they also say the taste of the bread stays the same

the scientists believe their discovery could stop people throwing away so much food studies show that americans put around 40 per cent of the food they buy into the trash having food that lasts longer would save people money and help the earth another benefit of microzap's technology is in stopping disease illness from food has a huge impact on society there are 76 million cases of food poisoning in america every year with 5000 deaths it costs the economy about \$6 billion annually the company hopes to use its technology soon in making safe ready-made meals for war zones and areas hit by disasters microzapping could become the best thing since sliced bread

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From <http://www.BreakingNewsEnglish.com/1212/121203-bread.html>

American scientists say they can make bread last for up to two months. They have found a way to stop mould or fungus growing on bread and other food. The researchers are from a biotechnology company called MicroZap. The company's name gives a clue to how their technology works. They use high-powered microwaves to zap the food and kill anything that could grow fungus. They started their project to find an answer to the superbug that are found in many U.S. hospitals. However, they soon discovered that their technique could sterilise food. The scientists say they only need to microwave the bread for about ten seconds and then it is OK to eat 60 days later. They also say the taste of the bread stays the same. The scientists believe their discovery could stop people throwing away so much food. Studies show that Americans put around 40 per cent of the food they buy into the trash. Having food that lasts longer would save people money and help the Earth. Another benefit of MicroZap's technology is in stopping disease. Illness from food has a huge impact on society. There are 76 million cases of food poisoning in America every year, with 5,000 deaths. It costs the economy about \$6 billion annually. The company hopes to use its technology soon in making safe, ready-made meals for war zones and areas hit by disasters. MicroZapping could become the best thing since sliced bread.







# 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 the company MicroZap. Share what you discover with your partner(s) in the next lesson.

**3. BREAD:** Make a poster about bread. Show your work to your classmates in the next lesson. Did you all have similar things?

**4. LONG-LIFE FOOD:** Write a magazine article about long-life food. 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 a bread expert. Ask him/her three questions about bread. 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 (p.4)

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

## SYNONYM MATCH (p.4)

- |                  |             |
|------------------|-------------|
| 1. last          | a. survive  |
| 2. way           | b. method   |
| 3. clue          | c. hint     |
| 4. sterilise     | d. clean    |
| 5. stays         | e. remains  |
| 6. discovery     | f. finding  |
| 7. throwing away | g. trashing |
| 8. huge          | h. very big |
| 9. impact        | i. effect   |
| 10. annually     | j. yearly   |

## COMPREHENSION QUESTIONS (p.8)

1. American scientists
2. Fungus or mould (UK) / mold (USA)
3. A biotechnology company
4. Sterilize (USA) / Sterilise (UK) it
5. Nothing. It stays the same
6. 40% of what they buy
7. Money
8. A huge one
9. 5,000
10. The best thing since sliced bread

## MULTIPLE CHOICE - QUIZ (p.9)

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

## ALL OTHER EXERCISES

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