

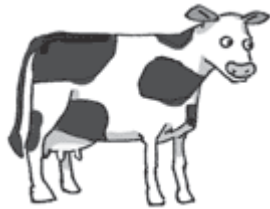


## Pre-Reading Activities

### A: Vocabulary

Match these words with their meanings: **supermarket** ○, **scientist** ○, **fish** ○, **plastic tag** ○, **food packaging** ○, **vegetables** ○, **beef** ○, **lamb** ○, **shrimps** ○.

1. The meat from this animal.



6.



2. A big shop where you can buy food and other things. You choose what you want and pay when you leave.

7.

A plant that we eat. Carrots, potatoes and beans are examples.

3. A small piece of plastic fixed to something that tells you about it; a label.



8.

4.



9.

Meat from a young sheep.

5. Paper, cardboard or plastic that is used to wrap food you buy.

### B: Discussion

**Part One:** Work in pairs and discuss the questions below.

- Which of these foods do you like to eat? **fish shrimps beef lamb vegetables**
- Which of these foods don't you like to eat? **fish shrimps beef lamb vegetables**
- Where do you buy your food?
- Do you think food packaging is important? Why / why not?

**Part Two:** Today's article is about some scientists who have developed a way of showing people if food is **fresh** or if food has **gone bad**.

**fresh** - not old; made or picked not long ago; **gone bad** - food has become too old to eat

Answer these questions in pairs.

- Is it important to know if food is fresh?
- What happens if you eat food that has gone bad?
- Have you ever eaten food that has gone bad?
- How do you know if food is fresh and safe to eat?
- What things can we do to stop food from going bad?



# Reading Activities

## A: Questions

Read the questions and find the answers in the first part of today's article.

1. Do people worry about eating food that has gone bad?
2. What could stop people worrying that the food they buy has gone bad?
3. What does it do?
4. When does it do this?

### Tags Show Freshness of Food

LONDON Wed Oct 2, (Reuters) - A plastic tag could soon stop people worrying about whether food has gone bad and isn't safe to eat.

Scientists in Arkansas have developed a food tag that

changes color when food has gone bad.

The New Scientist magazine said on Wednesday that the tag changed color from clear to pink, blue or yellow, depending on the type of food. (Continued/...)

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## B: Sequencing

The sentences below are from today's article. Put the words in each sentence into the correct order.

### Sentence 4

- will be used to show the freshness
- will be put inside
- of fish and shrimps and
- the food packaging.
- 1 The first tags

### Sentence 5

- and vegetables
- could follow.
- for beef, lamb
- 1 Other tags

### Sentence 6

- available
- within two years.
- 1 These tags could be

Now listen to your teacher read out the sentences and check your answers.

## C: Discussion

Read these questions and then find the answers in the last sentence of today's article.

1. What do the scientists warn?
2. Why don't supermarkets want to throw away more bad food than normal?
3. Do you think food tags should be used in supermarkets? (Use your own ideas to answer this question.)

(.../Continued) However, the scientists **warn** that the supermarkets may not want to use them if the tags mean they have to throw away more bad food than normal.

**warn** - tell somebody that something bad may happen

## D: True or False

Read the whole article and decide if these statements are true  T or false  F.

1. The food tags will be used to show the freshness of the food packaging.
2. The food tags will be used to show people whether food has gone bad.
3. The food tags will change to pink, blue and yellow if the food is bad.
4. The first food tags will be for beef, lamb and vegetables.
5. Scientists think that supermarkets will want to use the food tags.
6. If a tag is clear, the food is fresh.

### Tags Show Freshness of Food

LONDON Oct 2 (Reuters) - A plastic tag could soon stop people worrying about whether food has gone bad and isn't safe to eat.

Scientists in Arkansas have developed a food tag that changes color when food has gone bad. The New Scientist magazine said on Wednesday that the tag changed color from clear to pink, blue or yellow, depending on the type of food.

The first tags will be used to show the freshness of fish and shrimps and will be put inside the food packaging. Other tags for beef, lamb and vegetables could follow. These tags could be available within two years.

However, the scientists warn that the supermarkets may not want to use them if the tags mean they to throw away more bad food that normal.

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## Post-Reading Activities

You may do one or more of these.

### A: Language

In today's article there are these words: "...the **freshness** of fish and shrimps..."

We often use the suffix **-ness** to change some adjectives to nouns.

Here are some adjectives which take **-ness** to change them into nouns. Change the adjectives into nouns and then use them to fill the gaps in these sentences. **dark, untidy, sad, bright, thoughtful**

1. I had to wear my sunglasses because of the \_\_\_\_\_ of the sun.
2. My mother is unhappy about the \_\_\_\_\_ of my bedroom.
3. I turned off the light so the room was in \_\_\_\_\_.
4. When I heard the news about the accident, I felt great \_\_\_\_\_.
5. She thanked me for my \_\_\_\_\_ after I gave her the roses and the card.

### B: Word Find

Find these words from today's article in the word find puzzle.

**beef**

**clear**

**fish**

**fresh**

**lamb**

**packaging**

**scientist**

**shrimps**

**tags**

**vegetables**

**warn**

S	F	Z	R	A	E	L	C	F	G
S	E	E	C	G	X	K	I	N	A
P	L	L	E	G	W	S	I	K	L
M	Y	J	B	B	H	G	G	W	U
I	N	L	R	A	A	W	R	S	N
R	Q	R	S	K	T	B	A	P	U
H	O	G	C	Y	P	E	M	R	O
S	A	A	A	G	V	J	G	A	N
T	P	I	H	S	E	R	F	E	L
T	S	I	T	N	E	I	C	S	V

### C: Interview

Here is a short interview with one of the scientists from today's article. The answers to the questions are given, but the words for each question are not in the correct order.

1. Put the words in the correct order to make questions.
2. Read the interview in pairs.

1. have you What developed ? *We've developed new plastic tags.*
2. do they What do ? *They show when food has gone bad.*
3. work they How do ? *The color of the tag will change when the food has gone bad.*
4. will foods What you them for use ? *Fish and shrimps, and then other foods like beef, lamb and vegetables.*
5. When they be will available ? *Within two years.*
6. you Do think tags will everyone like the ? *Well, shoppers will like them, but I don't think supermarkets will be happy at first.*

