

LEVEL
Intermediate

NUMBER
B1_3046R_EN

LANGUAGE
English

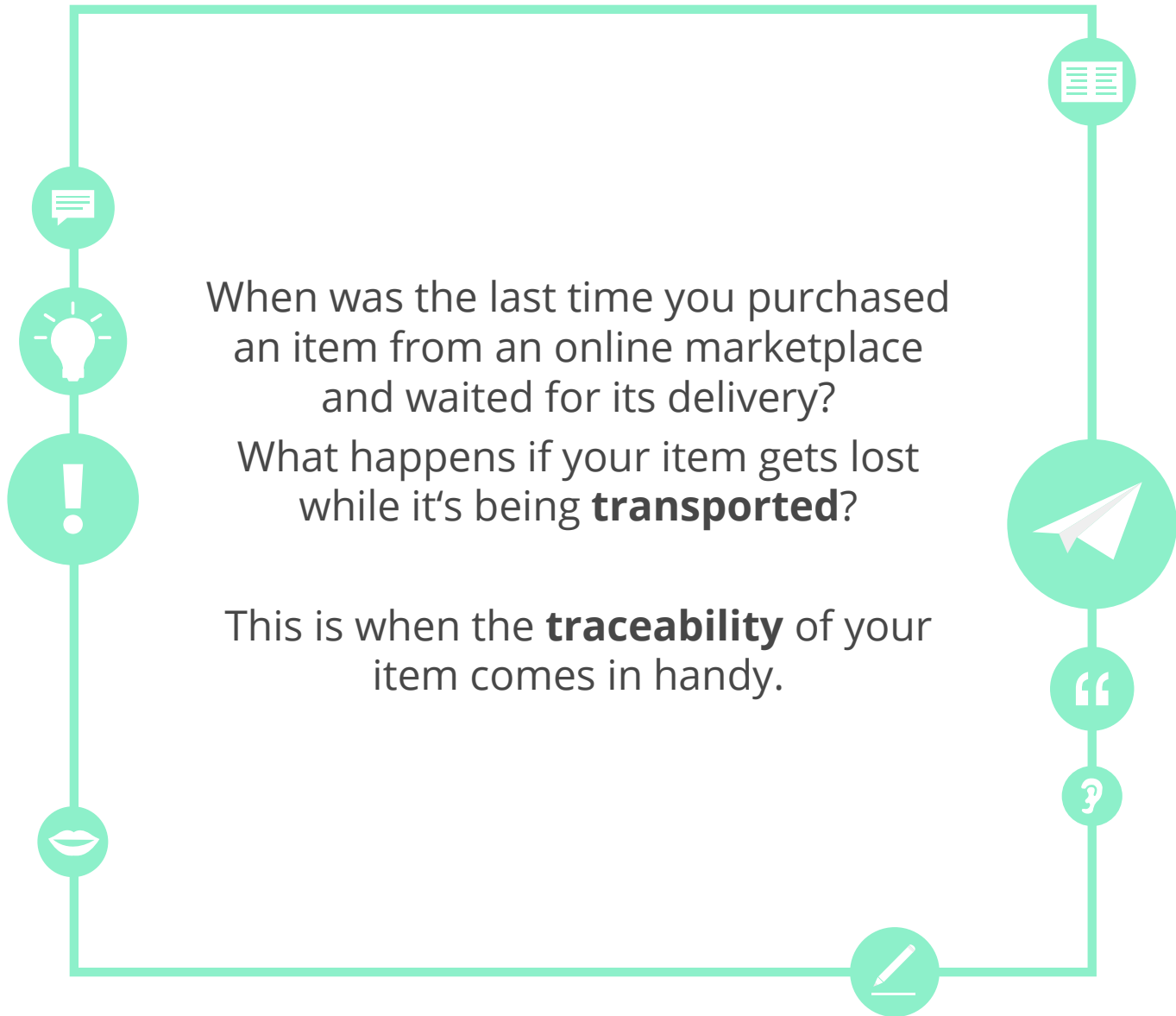




Goals

- Can read, understand, and recall facts from a text about the traceability of products.
- Can express straightforward ideas related to organic products and GMOs.







Preview

- In this lesson, you will practise reading text about the **traceability of a product**.



After ordering an item online, you can **track** your package so that you can find out the exact location and expect the time of arrival.



Traceability of products

**Answer the questions below.
Share your answers with your teacher.**

//

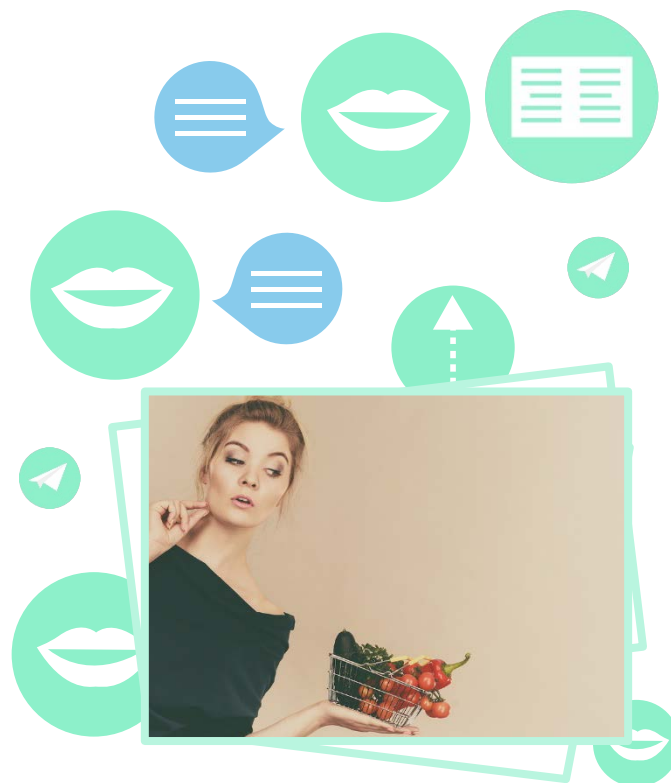
What does the word traceability mean to you?

//

//

Why is it important to identify the origin of products as a consumer?

//





Do you remember these words?

track

processing

point of origin

distribution

supply chain

authorities

contaminated

marketplace





Do you remember these words?



The superstar singer was on **track** to break all of the sales and concert records.

The **point of origin** for this banana is most likely Ecuador or Guatemala.



Buyers and sellers were able to negotiate a better price by saving costs in the **supply chain** process.

Since the water in the river was so **contaminated**, people were advised not to swim or fish there.





Do you remember these words?



There are several online **marketplaces** where you can find unique items that would be hard to find elsewhere.

You should report the crime to the proper **authorities** so that they can handle the situation.



As a student, I had a part-time job **distributing** leaflets.

Processing time for the application will take about three to five days.





Fill in the gaps

Fill in the gaps using the correct words below.

1. The old computer was _____ the information as quickly as it could but it was still very slow.
2. We collected donations and clothing for _____ to the homeless shelter.
3. The _____ for the big corporation was so vast that tracking the origin of materials to manufacture was a huge task.
4. We need to _____ down the origin of this virus to find the cure.
5. While most fires start in the kitchen, the _____ for this fire was in the basement.
6. The speaker had excellent _____ during the presentation, so much that you could hear a pin drop.
7. The outdoor _____ was the biggest in the world, containing over 5,000 vendors.
8. Bacteria _____ the laboratory causing a multi-day clean up.

track

point of origin

supply chain

contaminated

marketplace

authority

distribution

processing

rules

regulations

Rules are sets of **explicit regulations** or **principles** to **control** the **procedure** within a **particular area** of activity.

Regulations are **rules** or **directives** made and **maintained** by an **authority**.



If you do not follow the **rules** of the game, you won't be able to play for long.



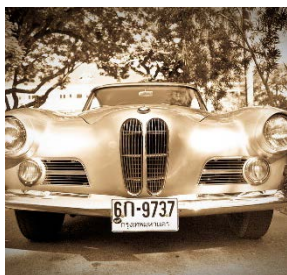
Because of recent **regulations**, people flying on international flights need to carry two forms of identification.

handling

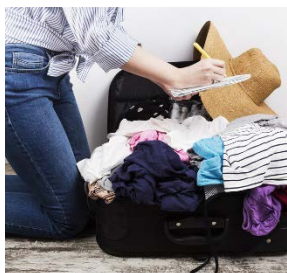
packing

Handling something means **feeling, holding** or **manipulating** with the **hands**.

Packing is an **action** or **process** of **putting items** in a **container**



This rare painting requires the most careful **handling** as it is over a thousand years old.



We had to finish all of our **packing** for the trip but the suitcase was too small.

shipped

transported

When something was **shipped**, this used to mean goods or people transported by **sea**. Nowadays, shipped is also used to describe the movement of goods by any transport. We often use shipped to talk about goods ordered **online**.

When something is **transported**, goods or people are **taken** or **carried** from one place to another by means of a **vehicle**, **aircraft**, or ship.



Although I didn't pay extra for overnight shipping, the product was **shipped** very quickly and I received it the next day.



The prisoner was **transported** to a different prison, located closer to his family.



Traceability of a product

A couple recently returned from a fancy dinner at a famous seafood restaurant. They usually cook at home because Jane is a very **picky** eater, but it was their 5th wedding anniversary so they decided to have something **out of the ordinary**. On their way home, both of them were not feeling quite right. They suddenly felt very ill and Jim had to **call in sick** at work the next day. Since Jane is a nurse, she had to take the morning off work. What was it that made the couple so sick in such a short amount of time? Was it the food at the restaurant? Was it some **airborne** illness? Or perhaps it was something from the hospital where Jane worked?





Cause and effect

Read the questions below and think about causes and effects from the story. Share your answers with your teacher.



1

Jim and Jane had dinner at an expensive seafood restaurant. Why did they eat out?

2

What happened the next day when they both became sick?

3

What do you think is the cause of them getting sick?



Discussion: Food poisoning

What are the major symptoms of food poisoning?

Do you know any remedies for food poisoning?

How do we avoid getting food poisoning?

Have you ever had food poisoning and from what?



Traceability of a product

One way that we can **track** a product from its **origin** or **source** to a retail location is **product traceability**. Product traceability allows us to identify and track a product or a **component** from its **point of origin** to a location where it is consumed or purchased by customers. It plays an important role in helping to **protect** the public because it allows health agencies to identify more quickly and **accurately** potential sources of **contaminated** goods. It can also verify that produce is locally grown and improve operating productivity for those growing or **shipping** the items.



Guiding your comprehension

**The second paragraph of this lesson's reading text is very informative.
Answer the questions below and check how much you understood
about the topic.**

What information
can you identify
when tracing a
product?

How does product
traceability benefit
consumers?

How does product
traceability benefit
restaurant owners?

How is the public
protected from
contaminated
foods?



Traceability of a product

So, was it the seafood, or something else that caused Jim and Jane to become ill? Two common ways to find out are by **tracing** the product via **radio-frequency identification** or **barcodes** where various data or codes can be **applied** to the packaging or label. This allows us to **determine** the source, **location**, movement and **storage** conditions as well as where it was **shipped** and the rest of the **supply chain** that it went through to reach the consumer's mouth. Jim and Jane contacted the restaurant to find out more.





Traceability of a product

Please continue reading the story of Jim and Jane.
Fill in the blanks using the correct words or phrases below.

turns out that

traced and verified

called in sick

Several days later, Jim and Jane are still feeling sick. Jim has 1. _____ for the last few days and Jane has stayed at home in case the illness was from the hospital. They received a call from the restaurant and it 2. _____ none of the other patrons at the restaurant that night reported being ill. In addition, all of the food items received were able to be 3. _____ with no traces of any harmful foodborne bacteria.





Traceability of a product

Later that evening, Jane goes to use the sink when she suddenly sees that the water is a bit **murky**. Rather than drink it, she calls the plumber to check the water pipes. The plumber is called out the next day. He finds that one of the pipes had cracked and grown **mould** on the inside. So, it wasn't the food at the restaurant and it wasn't the hospital where Jane worked that was causing the couple to be ill. It was right in their home and luckily, they were able to **rule out** the restaurant as well as Jane's workplace as the **culprit**. The pipes were fixed that same day and Jim and Jane already began to feel better. They returned to work shortly after and also went back to the same seafood restaurant with the confidence and trust in the **produce** used in their food.



Problem solved!



Reading comprehension: True or false

	TRUE	FALSE
1. Jim called the restaurant to ask for compensation.	<input type="checkbox"/>	<input type="checkbox"/>
2. A barcode on the packaging helps to trace products.	<input type="checkbox"/>	<input type="checkbox"/>
3. Jim and Jane traced the products themselves.	<input type="checkbox"/>	<input type="checkbox"/>
4. Jane thought that her illness might have come from where she works.	<input type="checkbox"/>	<input type="checkbox"/>
5. Jim was able to get back to work even though he was not feeling well.	<input type="checkbox"/>	<input type="checkbox"/>
6. The water pipes at the restaurant had mould in them.	<input type="checkbox"/>	<input type="checkbox"/>



Summarise the text

Write a short summary of what you just read about Jim and Jane's experience.

A vertical sheet of lined paper with a blue margin on the left and a series of horizontal lines for writing.





Traceability labels should include...

**Traceability labels should include the elements below.
Do you understand the meaning of each of them?
Can you give an example for each point?**



traceability code

date of issue

tag number

country of
origin

barcode

category

address



Genetically Modified Organisms

Traceability of
GMOs

GMOs are plants whose DNA has been **altered** in ways that cannot occur in nature in order to reduce the need for **pesticides**.

Do you think the traceability of GMOs should be more specific and detailed?

Why or why not?

To support your opinion, you can research online, if necessary.



Organic vs GMOs

How are GMOs different from organic products?
Discuss advantages and disadvantages of the two with your teacher.



organic products

≠



**Genetically Modified
Organisms**



List the synonyms

Find at least three synonyms for the words below.
You may use a dictionary or thesaurus.



dictionary



thesaurus



Rules/regulations

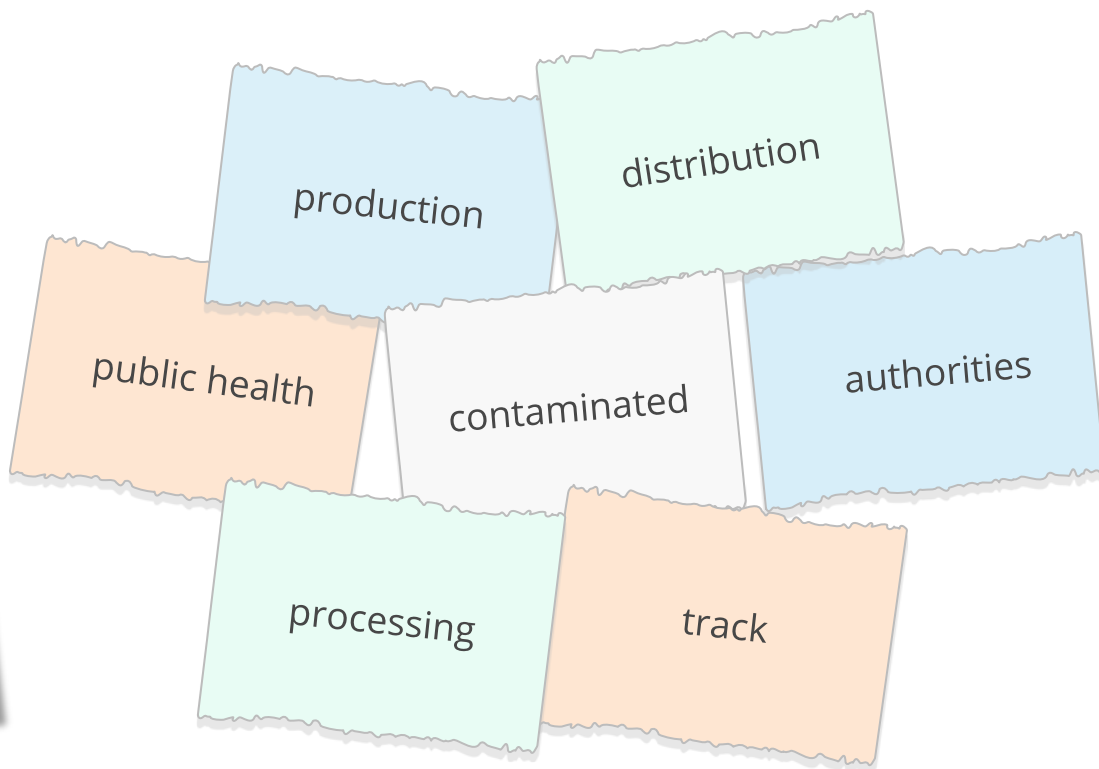
Handling

Shipped/transported



Define *traceability*

Now you should know the exact definition of the word *traceability*. Using the terms we have covered, explain the important concept of product traceability to your teacher. You can use the words below to help you.





Reflect on the goals

Go back to the second slide of the lesson and check if you have achieved all the goals of the lesson.

yes

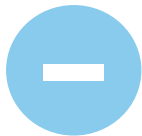
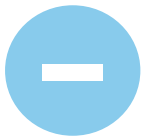
no





Reflect on this lesson

Think about everything you have seen in this lesson.
What were the most difficult activities or words? The easiest?



If you have time, go over
the most difficult slides again



Answer Key

Activity p. 21

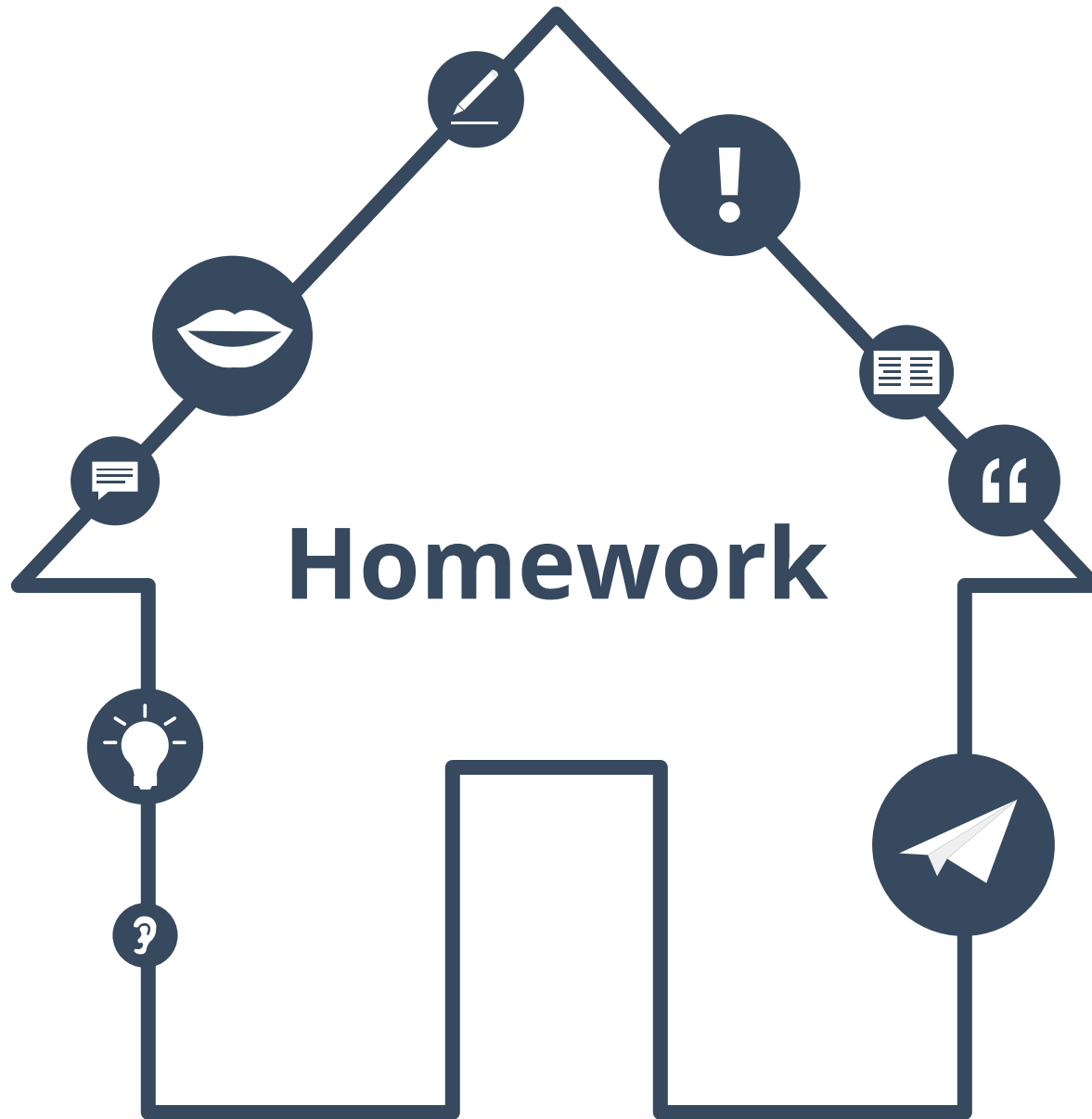
1. 1. F, 2. T, 3. F, 4. T, 5. F, 6. F

Activity p. 19

1. Called in sick, 2. turns out that, 3. traced and verified

Activity p. 9

1. Processing, 2. Distribution, 3. Supply chain, 4. Track, 5. Point of origin, 6. Authorities, 7. Marketplace, 8. contaminated





Homework: multiple choice

1. The _____ of this material relies heavily upon the weather and temperature.

- a. production b. point of origin c. location d. marketplace

2. According to Piaget, children learn the most during the first two development _____ of their life.

- a. regulations b. authorities c. stages d. track

3. My friend sent me the exact _____ of the restaurant through a smart phone application.

- a. distribution b. supply chain c. location d. storage

4. _____ capacity in the new car is a bit limited because it is a sports car.

- a. Produce b. Storage c. Contaminated d. Production



Homework: use these words to make a complete sentence

A

transported

packing

distribution

storage

B

health and
safety

authorities

processing

regulations

C

stages

rules

marketplace

produce

D

public health

contaminated

location

point of origin



Homework answer key

Activity p. 32
1. a, 2. c, 3. c, 4. b



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