



## LEARNING EXPERIENCE 07

# Inventions and Technology in our Lives!

## ACTIVITY 01: Peruvian Inventors!



### Competencia:

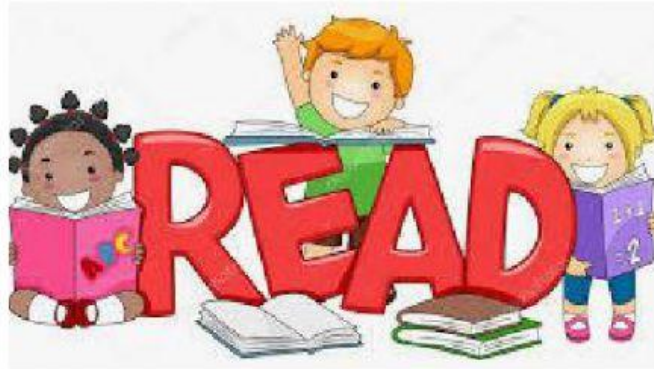
Lee diverso tipo de texto en inglés como lengua extranjera.

### Propósito:

Lee entrevistas sobre jóvenes innovadores y sus propuestas de solución a problemas. Además realiza actividad de comprensión de lectura.

### Capacidades:

Obtiene, infiere e interpreta texto escrito.



### Actividades:

Completa espacios en blanco. Lee y escucha texto referido a jóvenes innovadores y realiza actividad de comprensión de TRUE and FALSE. Analiza video sobre uso de las Question Words (WHO, WHERE, WHAT...)





## LET'S SELF ASSESS!

Expresa cuánto sabes hacer en inglés marcando con una "X" donde creas conveniente. Aquí no hay respuestas correctas. Responde honestamente.

| Al escribir un texto para una entrevista en inglés: |                                                                                                                                                                                | No | Sí, pero necesito ayuda | Sí | Sí puedo y muy bien. |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------|----|----------------------|
| 1                                                   | ¿Lo adapto para realizar preguntas y respuestas sobre una inventora o inventor, sobre sus inventos y su motivación?                                                            |    |                         |    |                      |
| 2                                                   | ¿Organizo mis ideas en preguntas y respuestas sobre información básica personal de una inventora o inventor, su invento y sus motivaciones?                                    |    |                         |    |                      |
| 3                                                   | ¿Uso el vocabulario y estructuras correctas para hacer preguntas y respuestas sobre información básica personal de una inventora o inventor, su invento y sus motivaciones?    |    |                         |    |                      |
| 4                                                   | ¿Reviso si mis preguntas y respuestas están correctamente estructuradas y si son sobre información básica personal de una inventora o inventor, su invento y sus motivaciones? |    |                         |    |                      |

## THE CHALLENGE

*En el Perú existen inventores e innovadores muy talentosos, que con sus creaciones han ayudado a muchas personas. Sin embargo, a nivel internacional no se les conoce, ni a sus inventos o proyectos. ¿Qué preguntas le haría a un inventor para conocer más sobre él o ella y su invento?, ¿podrías elaborar una entrevista en inglés con preguntas y respuestas a un inventor para darlo a conocer a todo el mundo?*



**Tu reto: Elabora una entrevista con preguntas y respuestas en inglés a un inventor para dar a conocer su invento a todo el mundo.**

**Desarrolla las actividades 1 y 2. Te ayudarán a enfrentar tu reto.**





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## Activity 1: Peruvian Inventors

### LET'S OBSERVE!

**Complete** the description of each invention. **Use** the words from the box. there are two extra options.

help - illuminate - communicate - talk - transport

a.



This invention can \_\_\_\_\_(1)  
you from one place to  
another quickly.

b.

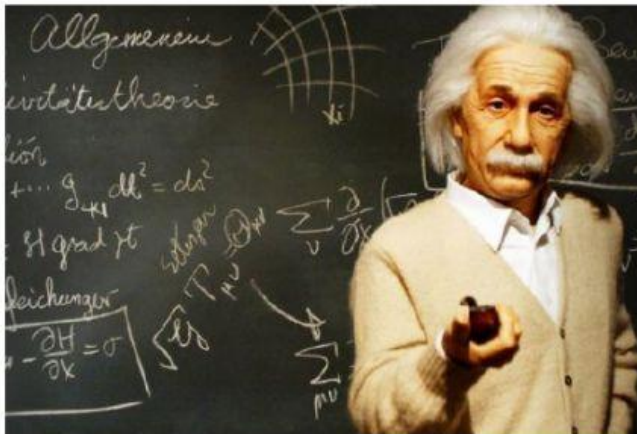


This invention can help  
you \_\_\_\_\_(2)  
with people in different  
places or cities.

c.



This invention can  
\_\_\_\_\_ (3) your  
room, your house and  
even the streets at night.



*"Imagination is  
more important  
than knowledge"*

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**LET'S LISTEN AND READ!**

Listen to and read the article.

Innovators see problems as opportunities to create new possible solutions. This article presents Karin and Victor, two innovators who want to make a difference. They see a problem and they want to do something about it. We interviewed them and here is what they said about themselves and their innovations.

# KARIN ABENSUR<sup>1</sup>

**Readers want to know more about you. Where are you from and what is your occupation?**

**Karin:** I am Peruvian. My father is a fisherman and I learned his craft. I am a fisherwoman. We fish in Pucusana. Also, I studied in Agraria University in Lima, so I am a fishing engineer.

**What problem do you see in your community?**

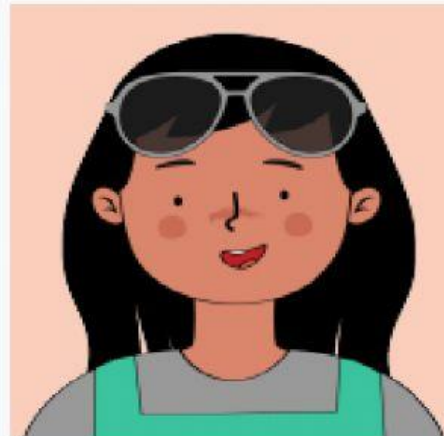
**Karin:** It is unusual for women to be fisherwomen, so men go to the sea and fish while their wives wait at home and take care of their children. Most fishermen are not rich. They make a living out of their craft and sometimes they need to fish as much as possible. At my university I learned that fish need time to grow.

**You described two problems, women who do not fish and uncontrolled fishing. How do you solve these two problems?**

**Karin:** I created fishing nets that do not trap small fish and I demonstrated this net to the fishermen in Pucusana. The small fish are able to live, grow bigger, and spawn more fish. So now we do responsible fishing. Also, I decided to start a business called **Karin Ecofish**. I employ the women of the area to clean and slice the fish I catch. As a result, the fish are fresh and ready to cook. We can charge more for the fish that are prepared this way.

**What is your dream?**

**Karin:** I would like to start an association of Peruvian fisherwomen.





# Víctor Barraza<sup>2</sup>

**Victor, what can you tell us about yourself?**

**Victor:** I am a Peruvian architect. I live in Lima, but I am from Tingo María. I usually visit my parents in Tingo María and I love going out into the fields around Tingo María. It is a beautiful place.

**What problem do you see in your community?**

**Victor:** In this time of the pandemic, people want to avoid using public transportation, so a lot of people are riding their bikes as everyday transportation. I really wanted a bike but it was too expensive.

**How did you solve that problem?**

**Victor:** As an architect I researched information about bamboo. Bamboo grows all over Peru. To me, it is like giant grass. In one of my visits to my parents in Tingo María, I made a bike for myself. I noticed bamboo is a great material for bikes. Not only is it abundant, it is light, eco-friendly and inexpensive.

**Is it difficult to make a bamboo bike?**

**Victor:** It is really hard. It takes three to four days to make one bike, but I am not alone. A group of friends and I started a business called Janko Eco-Bikes. We also teach other people to make these special bikes and we employ people to grow bamboo in Tingo María.



**What is your dream?**

**Victor:** To make more bamboo bikes and to make bamboo houses!



Remember that...

# QUESTION WORDS

**Who?**



Who is calling?  
Who will reach the phone first?

**Where?**



Where should I go?

**When?**



When can I go on vacation?

**Why?**



Why are you angry?

**What?**



What is making that sound?

**Which?**



Which dish should I choose?

**How?**



How do I stop the baby from crying?

## EXPLANATION

I want to know the ....

|        |                        |
|--------|------------------------|
| Who?   | Person                 |
| Where? | Position, Place        |
| When?  | Time, Occasion, Moment |
| Why?   | Reason, Explanation    |
| What?  | Specific thing, Object |
| Which? | Choice, Alternative    |
| How?   | Way, Manner, Form      |







## LET'S UNDERSTAND!

### UNDERSTAND-EXERCISE 1

Write TRUE or False and **correct** the false sentences.

**Example:**

Innovators see problems as obstacles to create new solutions.

FALSE

Innovators see problems as opportunities to create new solutions.

1. Karin is a fisherwoman and she learned her craft from her brother.

2. Karin studied at a university and now she is an engineer.

3. It is very common to see fisherwomen in Pucusana.

4. Karin created a fishing net to trap only big fish and do responsible fishing.

5. Karin wants to start an association of fishermen from Pucusana.

6. Victor Barraza is from Lima, but now he lives in Tingo María.

7. Now people use their bikes to avoid public transportation.

8. Victor makes bikes with bamboo, because it is expensive and heavy.

9. One of Victor's dream is to make bamboo houses.





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## UNDERSTAND EXERCISE 2

Who does the following actions?

Write Karin, Victor or both in the box next to the sentences.

Karin



Victor



Example:

Who...

- |                                                    |       |
|----------------------------------------------------|-------|
| 1.- ...helps people who don't have a lot of money? | both  |
| 2.- ...helps people who want to be eco-friendly?   | _____ |
| 3.- ...promotes responsible fishing?               | _____ |
| 4.- ...visit his/her parents in another city?      | _____ |
| 5.- ...uses unconventional materials?              | _____ |
| 6.-...wants to create a women's association        | _____ |

## Now let's watch a video about question words

