

WEEK 28

UNIT: INVENTIONS AND TECHNOLOGY - PERUVIAN INVENTORS

What will God judge? Ecclesiastes 12:14 / How many will appear before the judgment? Corinthians 5:10

Name: _____

1. Goals for the class:

1. Listen and read the article and find specific information about inventions, notice some actions verbs and that solve the problem in their community.
2. Talk about useful inventions: Describe the use of each one, elect one you consider to solve the problem in your community.

2. Complete the description of each invention. Use the words from the box. There are two extra options
help - illuminate - communicate - talk - transport

		
This invention can _____ you from one place to another quickly.	This invention can help you to _____ with people in different places or cities.	This invention can _____ your room, your house and even the streets at night.

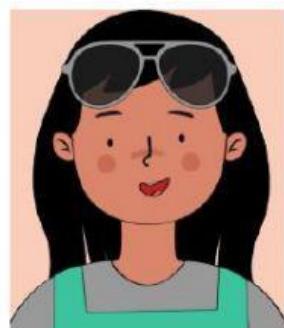
3. LISTEN AND READ THE ARTICLE

Innovators see problems as opportunities to create new possible solutions. This article presents Karin and Víctor, 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

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

Victor, what can you tell us about yourself?

Víctor: 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?

Víctor: 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?

Víctor: 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?

Víctor: 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?

Víctor: To make more bamboo bikes and to make bamboo houses!

4. Write TRUE or FALSE and correct the false sentences.

1. Karin is from Peru and she is a fisherwoman because of her father's craft	TRUE	FALSE
2. Karin's community problem is to be fisherwoman is usual.	TRUE	FALSE
3. Karin created a fishing net to trap only big fish and do responsible fishing.	TRUE	FALSE
4. Karin wants to start an association of fishermen from Pucusana.	TRUE	FALSE
5. Victor Barraza is from Lima and he is an architect.	TRUE	FALSE
6. Victor sees that people use their bikes to avoid public transportation.	TRUE	FALSE
7. Victor makes bikes with bamboo, because it is expensive and heavy.	TRUE	FALSE
8. One of Victor's dream is to make bamboo houses.	TRUE	FALSE

5. Speaking : Work In pair - interaction

- Describe each invention.

The laptop is useful for people who studies in a school or university.



- Mention some problem in your community.

One of the problem in my community is the lack of the internet, the lack of the transport, the irresponsible use of smartphones

- Which invention is important to solve the problem in your community?

I consider, bicycles could solve the problem of _____

What about you?

SELF-EVALUATION

I am able to understand about listen and reading article and identify actions to solve problem in my community.

I am able to talk about invention, describing and concluding at the end.

YES

NO