



PERÚ

Ministerio
de Educación

GRE La Libertad

UGEL
Sánchez CarriónI.E. San Nicolás
HuamachucoAPRENDO
en casa**ENGLISH: Level A1 - WEEK 25****Experience 07****Activity 01****Inventions and
Technology in our Lives!****Cool Inventions****LET'S OBSERVE****MATCH** the pictures with their names.

a greenhouse

ovens

pens

a laptop

the internet

a bicycle

smartphones

cars

**SELECT** 5 inventions from the previous pictures and **RANK** them from the "THE MOST IMPORTANT" to "THE LEAST IMPORTANT" in your life.Most important INVENTIONLeast important INVENTION

5

4

3

2

1

LET'S LISTEN AND READ!

LISTEN TO and **READ** the posters.

Poster 1

The poster features the title 'JANKO ECO-BIKES' in large, white, hand-drawn letters on a green background. To the right of the title is a drawing of an orange bicycle. The background is decorated with several white line drawings of leaves and swirls.

The problem
The COVID-19 is contagious when many people are in one place. Usually, public transportation is crowded. Bikes offer an alternative kind of transportation, but they are expensive.

Opportunity
Many people use bikes as transportation.

Innovation
Bamboo grows in different places in Peru. Bamboo is a strong plant. It is a good material to make bikes and it is cheap.

The Janko Ecobicicleta
This bike is eco-friendly. The designer is Víctor Barraza. He is an architect. He's from Tingo María, but he lives in Lima. The most important part of the Janko eco-bike is the frame. It is entirely made of bamboo. The Janko eco-bike is light, very fast and cheap. This invention is amazing.

Poster 2

The poster features the title 'FITOTOLDOS' in large, bold, brown letters. To the right of the title is a circular icon with a compass rose showing North (N), South (S), East (E), and West (W). The background is a light beige color.

The problem
People in some parts of the world can't grow vegetables like lettuce, celery, spinach, carrots or onions. Why? Because it is very cold. Temperatures can be -5°C .

Opportunity
The sun is really shiny for some hours during the day.

Innovation
Greenhouses are really fantastic. Generally, a greenhouse is a structure with walls and a glass roof. But, a special greenhouse or "fitotoldo" is a structure with walls and plastic film also called agrofilm.

The Fitotoldo
This greenhouse is very basic and really inexpensive. It has 6 important requirements.

1. It needs to sit on a flat area.
2. The sun needs to shine on it for at least 5 hours during the day.
3. It needs to be near water supplies.
4. The long side of the structure needs to face east and west.
5. The roof needs to face north.
6. The door needs to be far from where the wind blows.

Result
Families and communities in cold places can eat vegetables. There are "Fitotoldos" in Puno, Huánuco, Lambayeque, Ancash, Apurímac, Huancavelica and many other Regions in Peru. This invention is great.

LET'S UNDERSTAND!

Exercise 1 CHECK (✓) the correct box.

STATEMENTS	Poster 1: Janko Bikes	Poster 2: Fitotoldos
1. This invention is a type of transportation.	✓	
2. This invention helps people avoid COVID-19.		
3. This invention helps grow food in the cold mountains of Peru.		
4. Generally, this invention uses sunlight.		
5. Generally, people use this invention to go to different places.		
6. One of the materials for this invention is a plant.		
7. One of the materials for this invention is a type of plastic.		
8. This invention is not expensive.		

Exercise 2 MATCH the characteristics of a fitotoldo with the correct pictures.

1. It needs to sit on a flat area.		
2. The sun needs to shine on it for at least 5 hours during the day		
3. It needs to be near water supplies		
4. The long side of the structure needs to face east and west.		
5. The roof needs to face north.		
6. The door needs to be far from where the wind blows.		



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In your opinion, which invention is more important for everyday life?

the eco-friendly
bicycle

the fitotoldo