



PERÚ

Ministerio
de Educación

Learning Experience 7

Inventions and Technology in our Lives!

**APRENDO**
en casa

Name: _____

Group: _____

Date: 22/09/2021



Activity 1: Cool inventions

**Goal - Propósito:** Identifica información sobre un texto escrito sobre tecnología.

Match the pictures and the words. – Escribe el número de la imagen en el espacio correspondiente.



- a. _____ smartphone
- b. _____ bicycle/bike
- c. _____ oven
- d. _____ the internet
- e. _____ laptop
- f. _____ pens
- g. _____ greenhouse
- h. _____ car



Select five inventions and rank them from 1 to 5. – Selecciona 5 invenciones y ordenalas del 1 al 5. 1 más importante – 5 menos importante.

1**2****3****4****5**

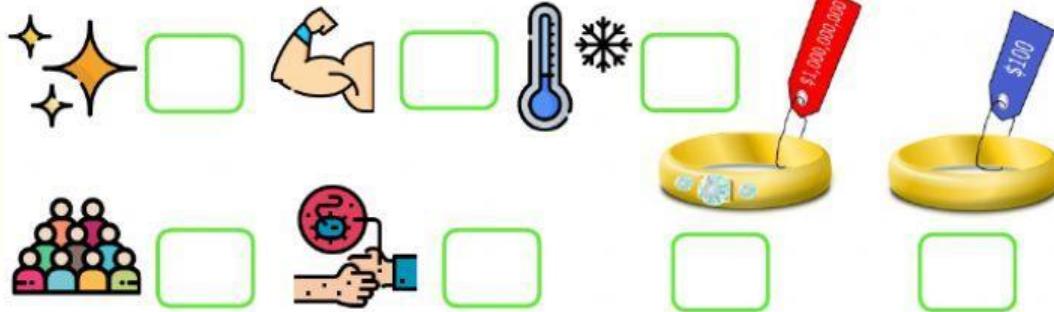
Most important

Least important



Match the words and pictures. – Escribe la letra en el recuadro correcto.

- a. Contagious
- b. Crowded
- c. Expensive
- d. Strong
- e. Cold
- f. Shiny
- g. Inexpensive/Cheap



Read and listen. – Lee y escucha el texto

Janko eco-bikes



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**.

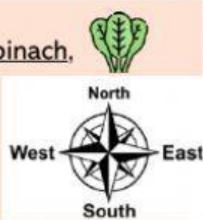


The Janko Ecobicileta: This bike is eco-friendly. The designer is Víctor Barraza. He is an **architect**. He's from Tingo María, but he lives in Lima. The most important part of the Janko eco-bike is **the frame**.  It is entirely made of bamboo. The Janko eco-bike is **light**, **very fast**  and **cheap**.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

Fitotoldos



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.



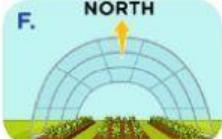
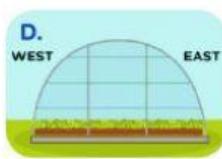
There are "Fitotoldos" in Puno, Huánuco,

Lambayeque, Ancash, Apurímac, Huancavelica and many other Regions in Peru. This invention is great.

5 Check the correct box. – Marca el recuadro correcto.

	Janko Bikes	Fitotoldos
This invention is a type of transportation		
This invention helps people avoid COVID-19.		
This invention helps people grow vegetables in the cold mountains of Peru.		
Generally, this invention uses the sun.		
This invention is made of bamboo		
This invention is fast, cheap and light.		
This invention is made of plastic film or agrofilm		
The inventor is Victor Barraza.		
This invention is used in Lambayeque, Ancash, Apurímac and Huancavelica.		

6 Match the characteristics of a fitotoldo with the correct pictures. Escribe la letra al lado de la oración correcta.



1. It needs to be on a flat area.

2. The sun needs to shine on it for at least 5 hours during the day

3. The long side of the structure needs to face east and west.

4. It needs to be near water supplies.

5. The door needs to be far from where the wind blows.

6. The roof needs to face north.