



TEACHER: \_\_\_\_\_

Grade: \_\_\_\_\_

STUDENT: \_\_\_\_\_

DATE: \_\_\_\_\_

1 - Select five inventions and rank them from 1 to 5.

1 = Most important for my everyday life

5 = Least important for my everyday life



pens



smartphones



a laptop



a bicycle



a greenhouse



cars



the internet



ovens

1.

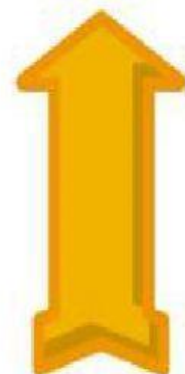
2.

3.

4.

5.

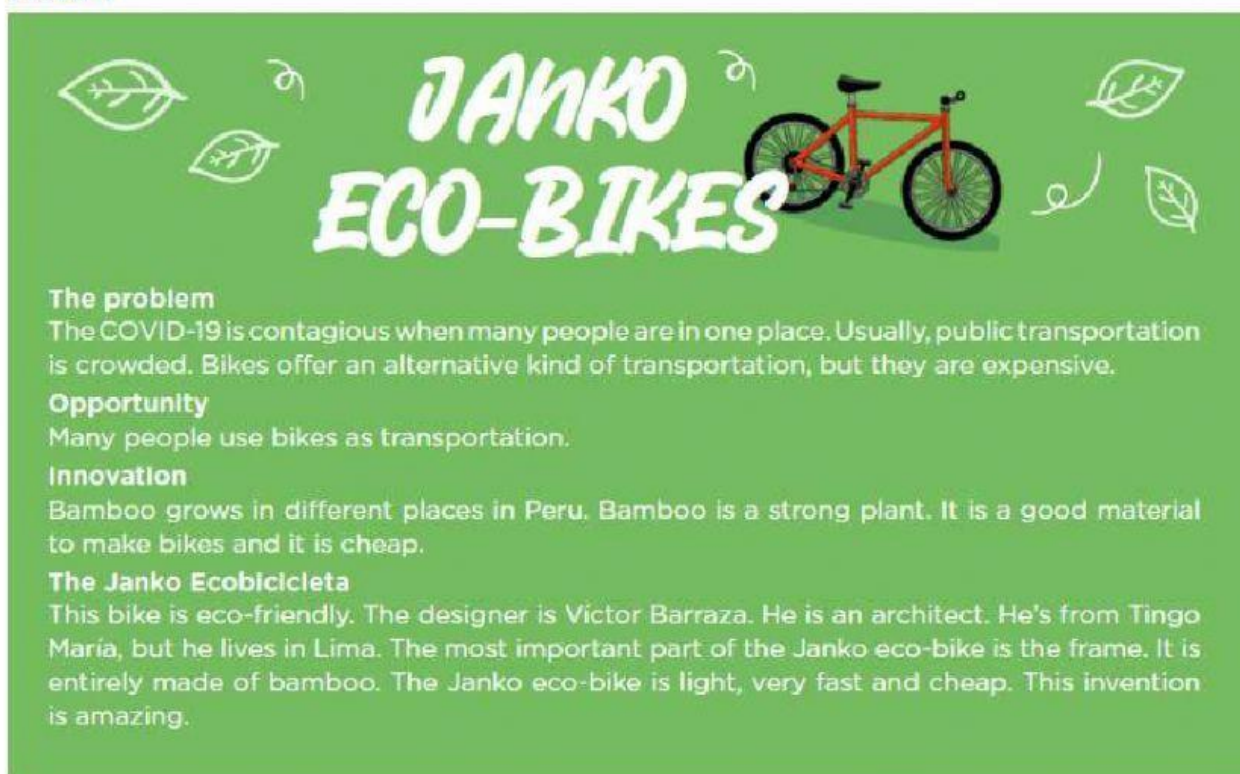
Most  
important



Least  
important

## 2 - Listen to and read the posters.

Poster 1



The poster for JANKO ECO-BIKES features a green background with white text and illustrations of leaves and a red bicycle. The title 'JANKO ECO-BIKES' is written in a large, stylized font.

**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 Victor 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  $-5^{\circ}\text{C}$ .

### 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.



3 - Listen the audio and check the correct box.

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

4 - Match the characteristics of a fitotoldo with the correct pictures.

Example:

It needs to sit on a flat area.



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

☐

2. It needs to be near water supplies.

☐

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

☐

4. The roof needs to face north.

☐

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

☐

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

☐

a) the eco-friendly bicycle

b) the fitotoldo?