

## "Inventions and Technology in our Lives" - Practice 3 - 3rd grade

Name: ..... Section: .....

Last name: ..... Date: ...../...../.....

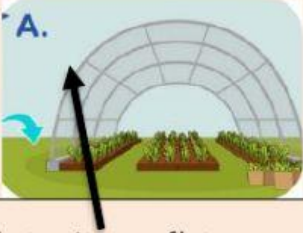
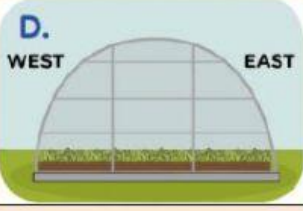
### I. LISTEN TO, AND READ THE NEXT ARTICLES.

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| <p><b>The problem</b><br/>The COVID-19 is contagious when many people are in one place. Usually,</p> <p><b>1- JANKO ECO-BIKES</b></p> <p>public transportation is crowded. Bikes offer an alternative kind of Transportation, but they are expensive.</p> <p><b>Innovation</b><br/>Bamboo grows in different places in Peru. Bamboo is a strong plant. It is a good material to make bikes and it is cheap.</p> <p><b>The Janko Ecobicicleta</b><br/>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.</p> | <p><b>The problem</b><br/>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.</p> <p><b>2- FITOTOLDOS</b></p> <p><b>Opportunity</b><br/>The sun is really shiny for some hours during the day.</p> <p><b>Innovation</b><br/>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.</p> <p><b>The Fitotoldo</b><br/>This greenhouse is very basic and really inexpensive. It has 6 important requirements.</p> <ol style="list-style-type: none"> <li>1. It needs to sit on a flat area.</li> <li>2. The sun needs to shine on it for at least 5 hours during the day.</li> <li>3. It needs to be near water supplies.</li> <li>4. The long side of the structure needs to face east and west.</li> <li>5. The roof needs to face north.</li> <li>6. The door needs to be far from where the wind blows.</li> </ol> <p><b>Result</b><br/>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.</p> |  |
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### II. NOW, PUT A "X" IN THE CORREXCT BOX

|                                                                    | Poster 1:<br>Janko Bikes | Poster 2:<br>Fitotoldos |
|--------------------------------------------------------------------|--------------------------|-------------------------|
| <b>Example:</b><br>This invention is a type of transportation.     | X                        |                         |
| 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.                                |                          |                         |

III. MATCH THE CHARACTERISTICS OF A FITOTOLDO WITH THE CORRECT PICTURES.

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IV. PUT IN ORDER THE NEXT SENTENCES, AND QUESTIONS.

1. student's / crowded / bathroom / Usually, / is / .

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2. places / grow / different / Peru / . / Potatoes / in / in

\_\_\_\_\_

3. of / ingredient / most / fish / . / The / the / the / important / Ceviche / is

\_\_\_\_\_

4. need / supplies / be / . / near / internet / to / Students

\_\_\_\_\_

5. are / . / in / delicious / city / There / Huanta / avocados

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