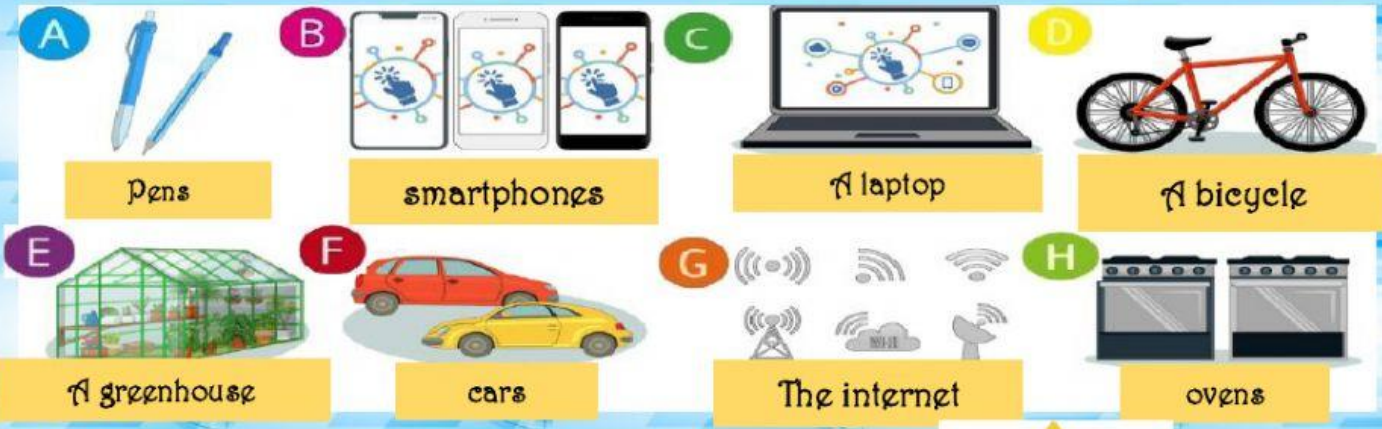
LEARNING EXPERIENCE 07: Inventions and Technology in our Lives!

ACTIVITY 1: COOL INVENTIONS

I. LET'S OBSERVE! Select five inventions and rank them from 1 to 5.

1= Most important for my everyday life 5= Least important for my everyday life



1 _____

2 _____

3 _____

4 _____

5 _____

II. LET'S LISTENING AND READ! Listen to and read the posters.

POSTER 01

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 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.

LIVEWORKSHEETS

FITOTOLDOS

POSTER 02

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 -5ºC.

Opportunity The sun is really shinny 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.

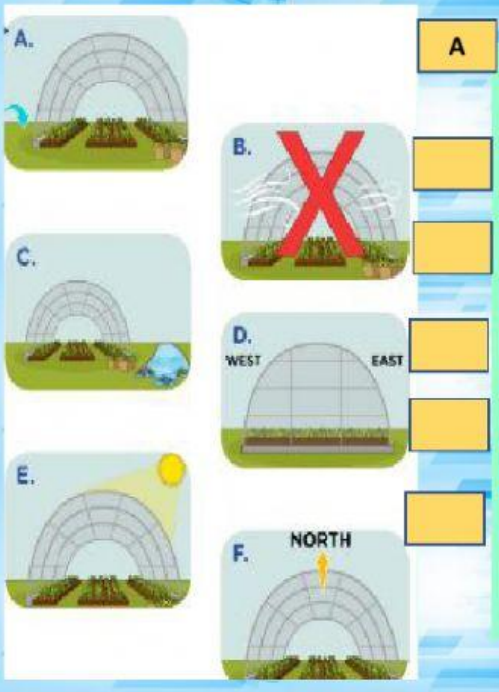
III. LET'S UNDERSTAND!

1. Check the correct box.

	Poster 1: Janko Bikes	Poster 2: Fitotoldos
Example: 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.		

LIVEWORKSHEETS

2. Match the characteristics of a fitotoldo with the correct pictures.



A

I needs to sit on a flat area.

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Adjectives

COLOR	SIZE	TEXTURE	SHAPE
•black	•small	•smooth	•square
•white	•tiny	•hard	•round
•pink	•little	•fluffy	•oval
•yellow	•medium	•soft	•curved
•brown	•large	•rough	•straight
•purple	•huge	•sticky	•wide
•orange	•gigantic	•bumpy	•narrow
•red	•big	•slippery	•crooked
•green	•short	•fuzzy	•flat
•blue	•tall	•crunchy	•wavy

Write the adjective wich best describes the picture on the lines below

_____ T-shirt

_____ T-shirt

_____ hair

_____ hair

_____ house

_____ house

_____ car

_____ car

_____ rabbit

_____ cat

big / clean / new / old / long / small
cute / dirty / short / fat

MISS SILVIA VARGAS MORENO

LIVEWORKSHEETS