

Join Katie as she shares her journey  
learning about logistics.

This is going to  
be fun! Get in  
and fasten your  
seat belt. Safety  
first!



I can't wait for us to learn about logistics. Hope you can read a map! I really don't want us to get lost.



What a great find! The North Carolina Center for Global Logistics was able to tell me all about logistics and how it works.

Our first stop is the North Carolina Center for Global Logistics in Greensboro, North Carolina. Let's go inside and find out about logistics.



# What is Logistics?



Logistics is simple. It means moving stuff.

Logistics is about moving supplies, products, packages, really anything from one place to another.

**Can you think of a way something is moved? What is used to move things?**



## **Task 1**

**Work with the person across from you to complete this task.**

# How are things moved?

My partner and I have a few items on our list. What did you and your partner discuss?



Oh, I think we should share our list with the rest of our friends. Do you think we all thought of different things?

- Trucks
- Cars
- Trains
- Ships
- People
- Transportation



Let's get moving...



I think I will take a truck ride first!

Freight trucks carry various items to customers around the world. Some trucks deliver single items one at a time while others carry an entire load to the customer.

Look at this fleet of Old Dominion Freight Line trucks. I wonder what items are leaving their distribution center.



**Safety is very important when it comes to logistics. Truck drivers must drive in all kinds of weather. They also drive day and night. A driver can only drive a truck for about 10 hours a day.**



**Drivers carry many different things. In this truck, hazardous materials are being hauled to a company.**



Hey! I am glad we stopped to stretch our legs at this rest stop. We have been traveling for a long time. Look another truck is passing by us. I wonder where it is going.





I wonder what is going to happen to all this lumber. Do you have any ideas?

I just found out from the driver that we are carrying a load of lumber. He drives all over North Carolina and the United States.



This truck just picked up a load of lumber and is heading to the Port of Wilmington. The lumber is going to be exported to China.

After arriving at the Port of Wilmington, the container is loaded onto the cargo ship by a crane. The containers then go to other countries. This ship is going to China. The lumber will be used to make furniture.

I am ready to see this container get loaded and watch the ship leave the port. I wonder if other ships will be coming into port. I wonder what they will be carrying.



Look at all these containers full of imports. Some are going to be moved by trucks. Others are going to be moved by trains.

ALL CONTAINERS  
MUST USE LANES  
5, 6, OR 7

ers are full of imports that will be sent  
on centers. Then the items will be sent  
d businesses for consumers.



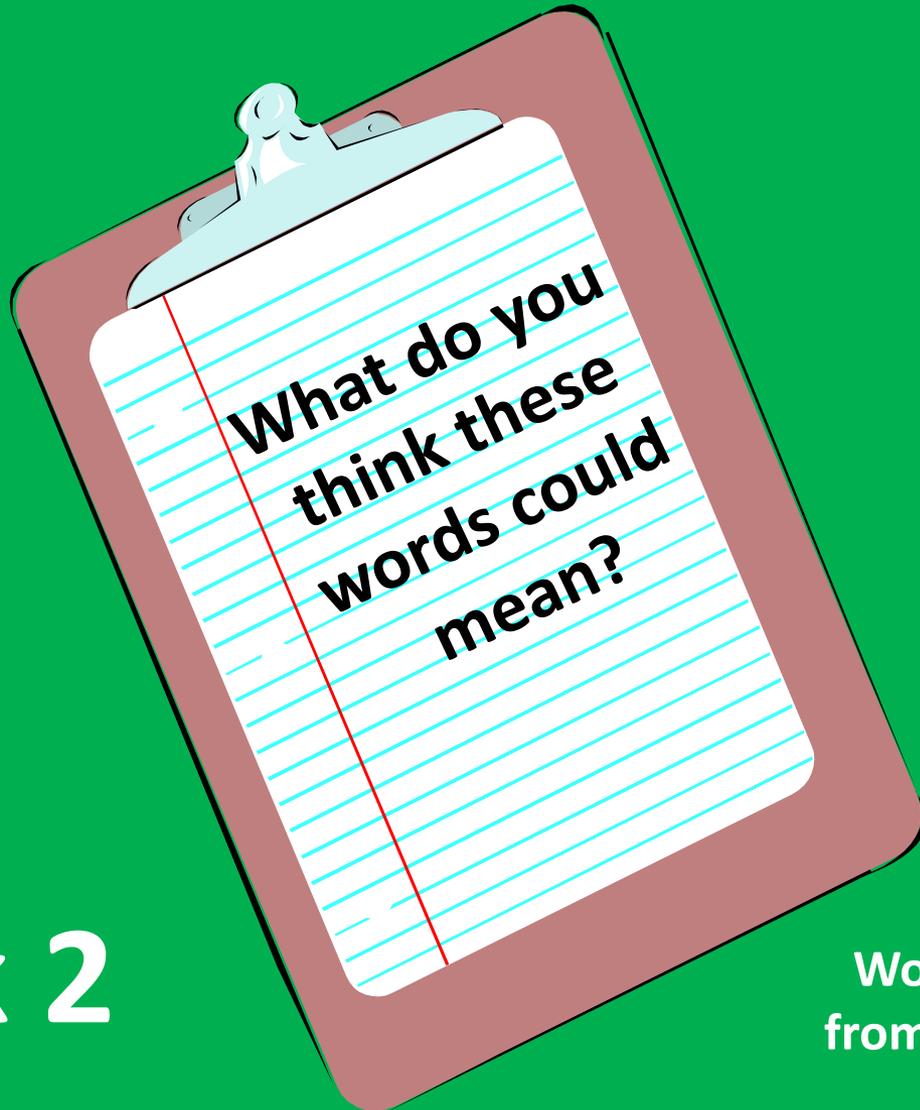
Watching the crane put  
the containers on the  
ship is really cool.  
Follow me and we can  
get a bird's eye view.



This is high! Look at all the containers full of items that have been imported to the United States. I wonder what consumers are wanting the most of right now. I wonder what the biggest import and export for this port is...



We are at the **port**. Think about the words **import** and **export**.



## Task 2

Work with the person across from you to complete this task.

# Imports and Exports

My partner  
and I have  
figured it out.  
Well, we think  
we did...



Oh, we think we should  
double check in the  
dictionary or on the  
internet.



- Imports - items that are bought from a foreign country

- Exports – items that are sold to a foreign country

I am glad they  
have an elevator  
on the crane!  
Let's find the ship.



These imports are being loaded on a train. Let's see if we can ride with them. Hurry up!!!



Glad we made it! I am really happy you were okay with us not going on the ship. I have a motion sickness problem. Maybe next time! We best hurry so we do not miss the train.

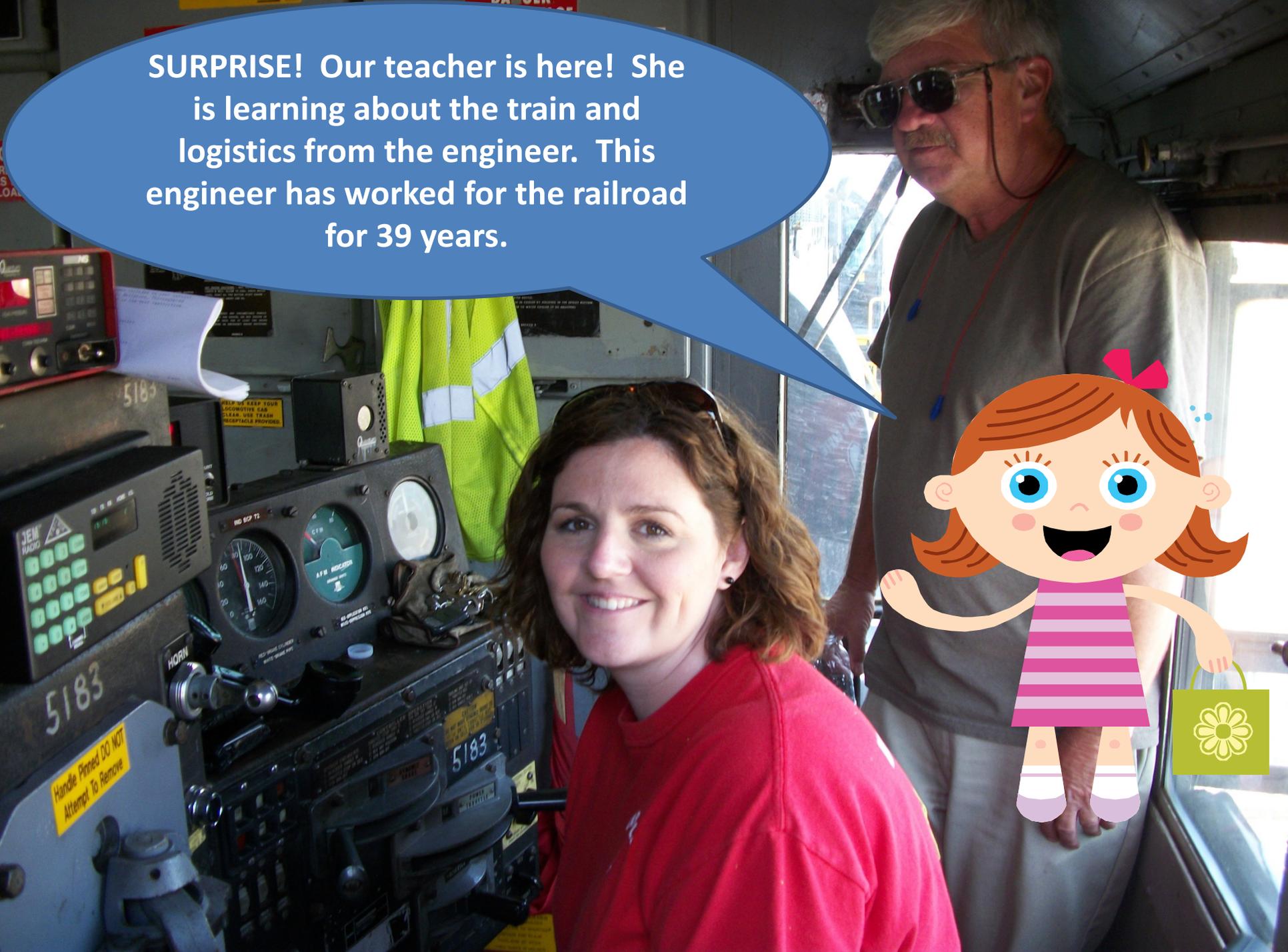


A photograph of a train moving through a rural landscape. The train is on the left, and the landscape is on the right. A cartoon girl with brown hair, wearing a pink and white striped dress, is standing on the train. She is holding a green gift box with a white flower. A large blue thought bubble is on the right side of the image, containing text. There are also three smaller blue circles in the landscape. The sky is blue with white clouds.

Wonder where we are going...

Maybe I should find the  
engineer and ask.

**SURPRISE! Our teacher is here! She is learning about the train and logistics from the engineer. This engineer has worked for the railroad for 39 years.**



The Spencer Yard is where the trains are being put together. The cars are being sorted, put in order of their stops, and being hooked to an engine. Sometimes two or three engines are used if the train needs more horsepower. Some trains can be two miles long.

Which engine were we suppose to get on? I think we are going to deliver some corn to the Malt-O-Meal manufacture in Asheboro.



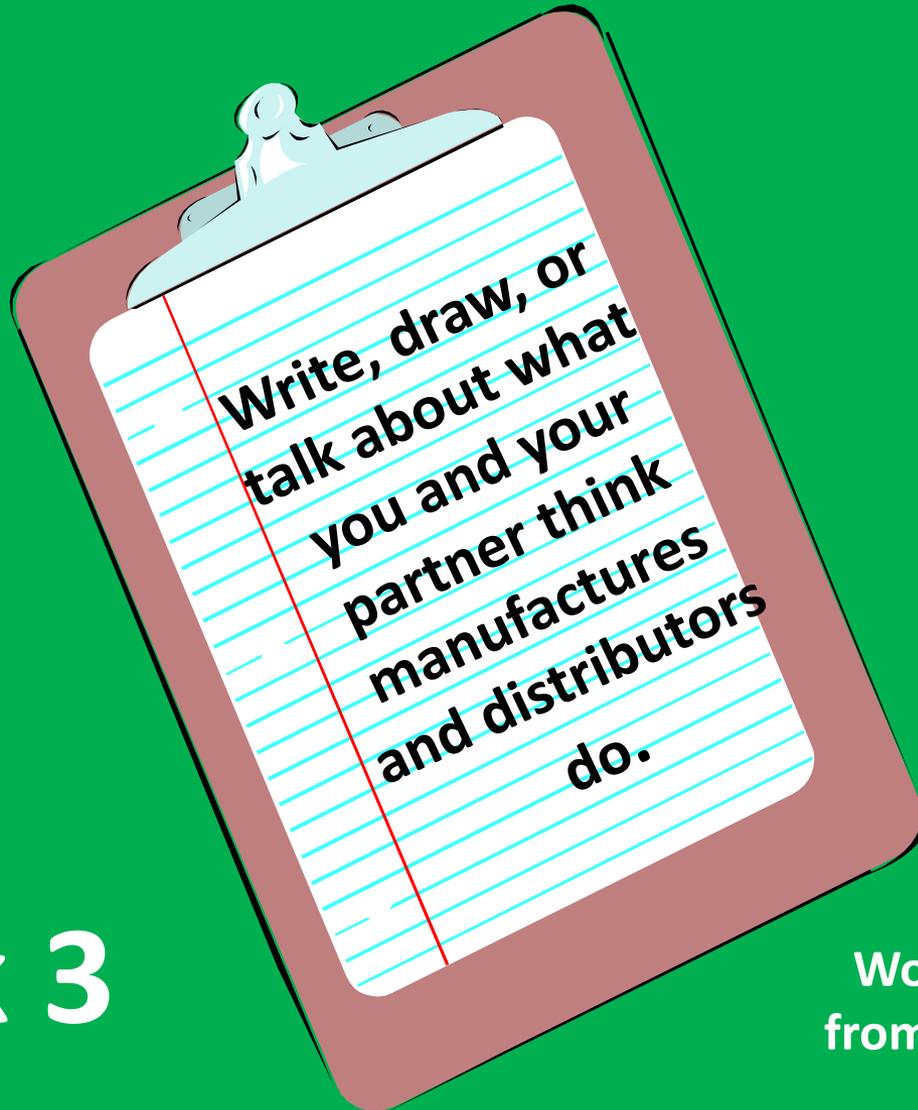
# All Aboard!!!



The conductor leaves a load of grain at Malt-O-Meal. I wonder how long it takes to make the cereal my mom buys at the grocery store. We have several more stops at other manufacturing and distribution centers.



# What are manufactures? What are distributors?



## Task 3

Work with the person across from you to complete this task.

# What are manufactures? What are distributors?

My partner and I have a few items on our paper. What did you and your partner discuss?

Oh, I think we should share our drawings. Do you think we all thought of different things?

- Manufacturers make things usually using large machines.

- Distributors supply the goods to stores and businesses for them to sell to consumers.



**Trains are used to transport a variety of goods. These trains are called freight trains. Trains that transport people are called passenger trains.**

**This is our last stop on the train. We have arrived in Greensboro. Maybe we should find out more about logistics. What other types of transportation is needed in logistics?**



I wonder who  
parked the jeep  
there. Let's go!



Terminal 1  
Ankunft  
Arrivals

A

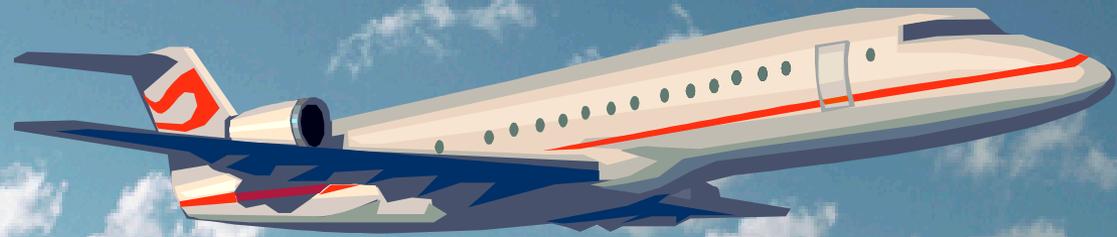
Can you figure out where we are? Did you know not only do we use airplanes for transporting people, but we use airplanes to transport items all over the world? Let's see if we can make one of the flights.



Maybe we can find out from the pilot about the cargo on this flight. Also, where are we going? Do you have your passport?



**This airplane is carrying a large shipment of iPads. There has been a large demand for them. The company had to send them by air to supply the customers the product faster.**



The pilot and co-pilot are following a flight plan to know where to go. They work together to navigate the plane of cargo.



**Some flights only last minutes while other flights may take a more than 16 hours.**





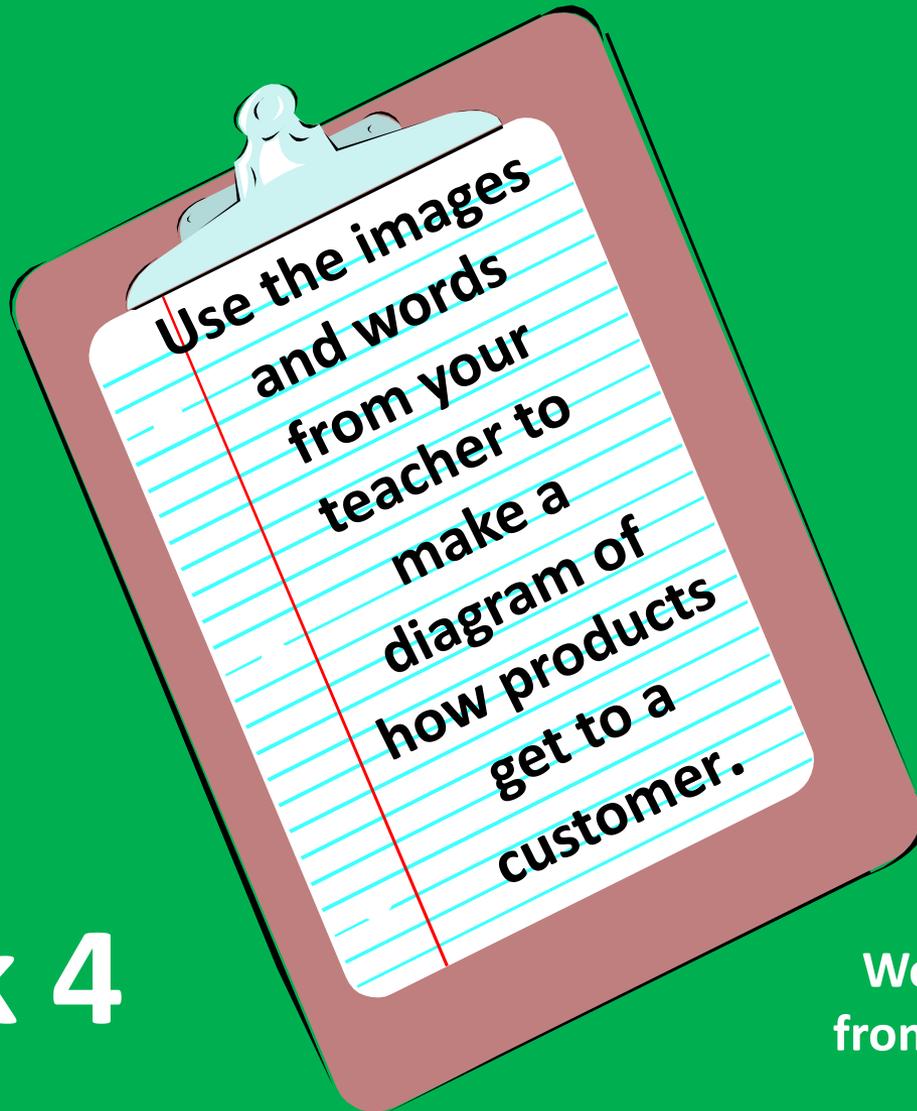
**After a plane reaches the destination, cargo is quickly unloaded. Other cargo that needs to go back is loaded on the airplane. The plane takes flight once again.**



What a flight!  
Glad we are back  
in NC.



# How do consumers get a product?



## Task 4

Work with the person across from you to complete this task.

# How do consumers get a product?

My partner and I used all the pictures.

Oh, we only used part of them. We decided that it really depends on the product.

- Share time
- Leave your diagram on your desk
- Take a few minutes to take a peek at other diagrams
- Talk about the diagram with your partner



Thanks for going along with me while I learned about LOGISTICS! Remember logistics means moving stuff. Now it is time for me to keep moving and head home. I wonder who lives in this house...

