

# Trains

UPPER PRIMARY OR LOWER ESO

Creemos en Extremadura



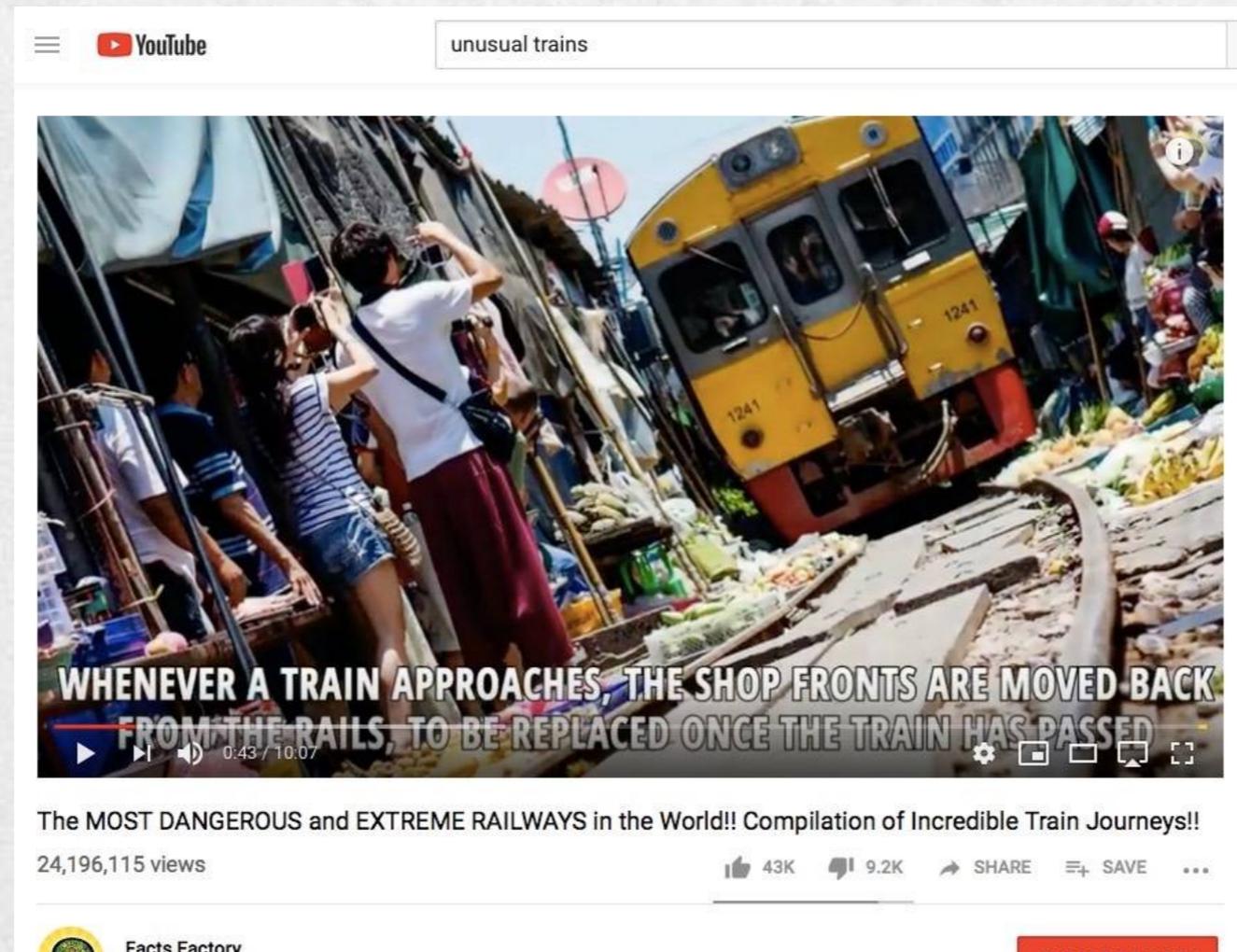
# Content

- ❖ **PREPARING FOR A TRIP**
- ❖ **THE TRAIN RIDE - TYPES**
- ❖ **ROUTES**
- ❖ **SCHEDULES**
  
- ❖ **GRAMMAR - MODALS**

# CALP

❖ PACKING	PLATFORM	TICKET MACHINE
❖ LUGGAGE	TRACK	CONDUCTOR
❖ TICKETS	ARRIVAL	DEPARTURE
❖ ROUTE	TRAIN CARS	DESIGN
❖ SCHEDULE	SEATING	SPEED
❖ PASSENGER	LENGTH	STEAM
❖ TRIP / RIDE	ELECTRIC	DIESEL

# Advance Organizer



Some unusual  
trains

❖ [HTTPS://WWW.YOUTUBE.COM/WATCH?  
V=5C5WM-GZXV4](https://www.youtube.com/watch?v=5c5wm-gzxv4)

# Driving Question

- ❖ **HOW COULD WE GET MORE PEOPLE TO RIDE TRAINS IN EXTREMADURA?**



# Teach Section 1- Preparing for a trip

❖ MULTIMODAL INPUT

❖ BOOK

❖ VIDEOS

❖ EXPERIMENTS

❖ DISCUSSION

❖ PRACTICE

❖ ETC...

Teach section one in your usual way 1-2 lessons.

# Section 2 of Unit – Train Ride and Types

- ❖ EXECUTIVE FUNCTION SKILLS
- ❖ BUILDING INDEPENDENT LEARNERS
- ❖ CREATIVE THINKING
- ❖ GOAL SETTING AND BRAINSTORMING
- ❖ EXEMPLARS AND SUCCESS CRITERIA
- ❖ FEEDBACK AND REVISION

# After teaching the basic components of section 2

Hands-on activity to practice the material

21st Century Skills  
Building independent learners  
Applying HOTS

# HOTS

❖ ANALYZE

❖ EVALUATE

❖ CREATE

**There are lots of old trains  
not in use...**

**or**

**Newer trains that could be  
modified...**

**Hands-on activity in class after the flip**

# Types of themed trains

- ❖ TRAIN 1 STRAWBERRY TRAIN ARANJUEZ [HTTPS://WWW.YOUTUBE.COM/WATCH?V=WKYSSOIOJQU](https://www.youtube.com/watch?v=WKYSSOIOJQU)
- ❖ TRAIN 2 POKEMON [HTTPS://WWW.YOUTUBE.COM/WATCH?V=QXQ1ZqYJz4k](https://www.youtube.com/watch?v=QXQ1ZqYJz4k)
- ❖ TRAIN 3 START AT MINUTE 1:21 HARRY POTTER TRAIN [HTTPS://WWW.YOUTUBE.COM/WATCH?V=HNZDAKFNN6K](https://www.youtube.com/watch?v=HNZDAKFNN6K)

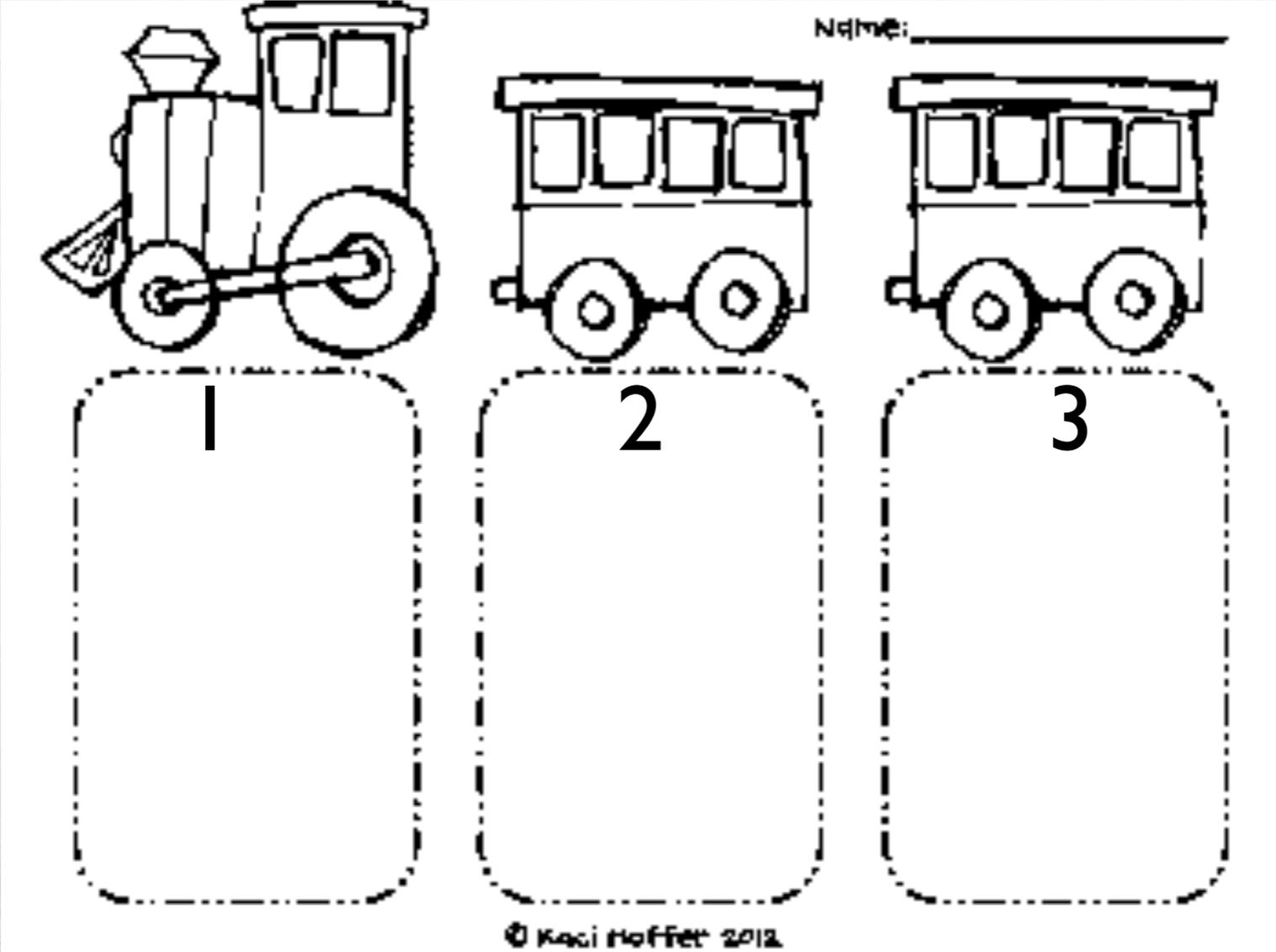
# Brainstorming and Communicating

- ❖ **TAKE SOME NOTES FOR EACH TYPE OF TRAIN.**
- ❖ **WHO WOULD LIKE TO TAKE THIS KIND OF TRAIN?**
- ❖ **IS THERE ANYONE WHO SHOULDN'T TAKE THIS TRAIN?**
- ❖ **WHAT COULD PEOPLE BRING ON THE TRAIN TO MAKE THE RIDE BETTER?**

# Graphic Organizer

- ❖ TAKE NOTES IN GROUPS -DISCUSS USING THE MODALS

NAME: \_\_\_\_\_



1

2

3

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# Success Criteria

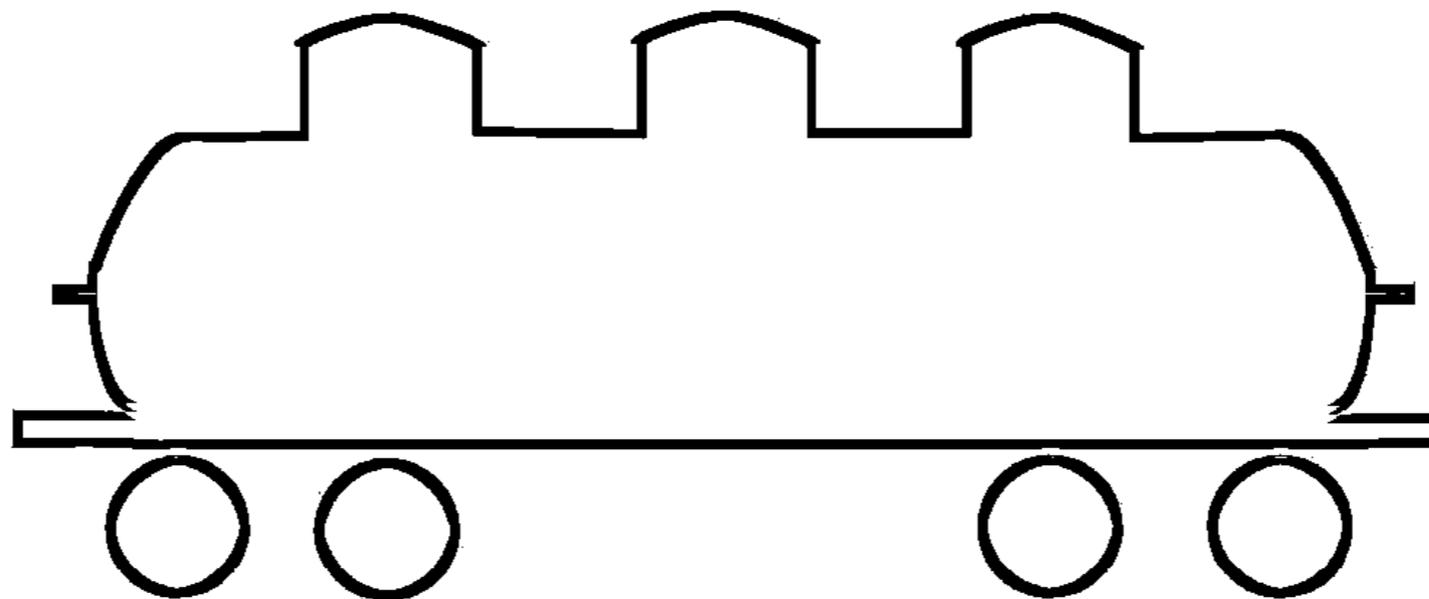
- ❖ **IF YOU WANT TO PROPOSE A THEMED TRAIN, WHAT SHOULD YOU THINK ABOUT?**
- ❖ **A THEMED TRAIN MIGHT INCLUDE:**
- ❖ **IT COULD HAVE...**
- ❖ **IT SHOULD HAVE...**
- ❖ **IT MUST HAVE...**
- ❖ **BRAINSTORM AND LET'S CREATE A CHECKLIST TOGETHER**

**What makes this train unique?**



Based on our success criteria, **CREATE** a sketch of your themed train.

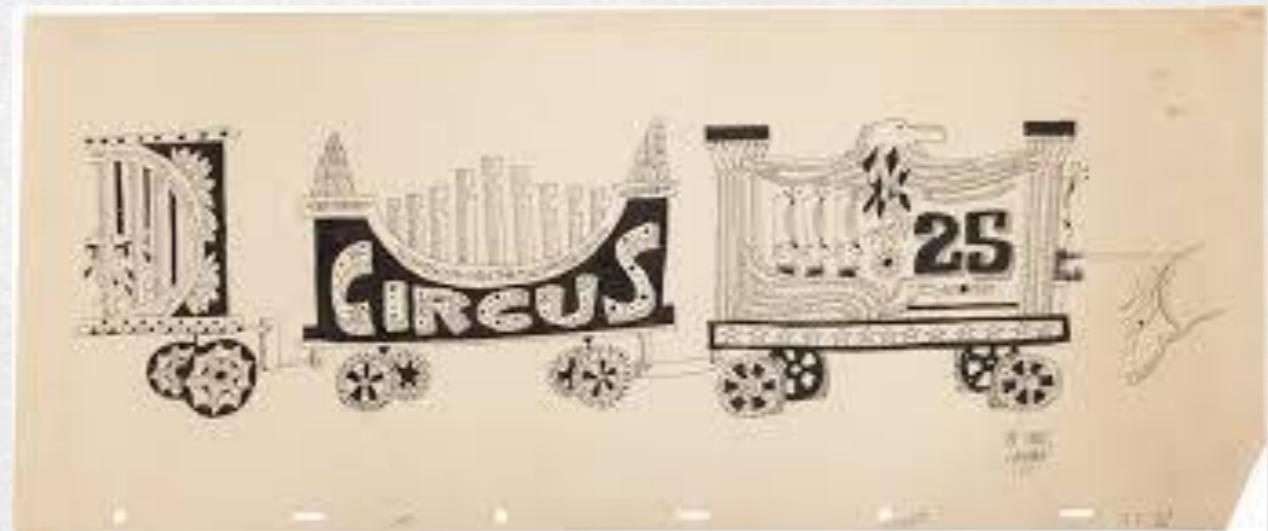
**TRAIN CAR**



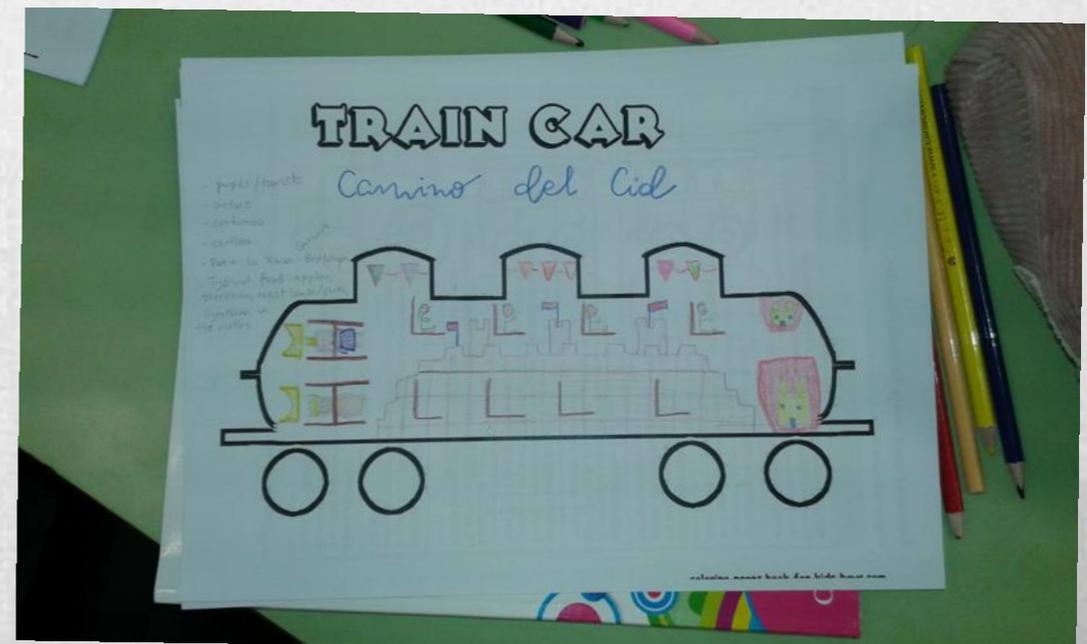
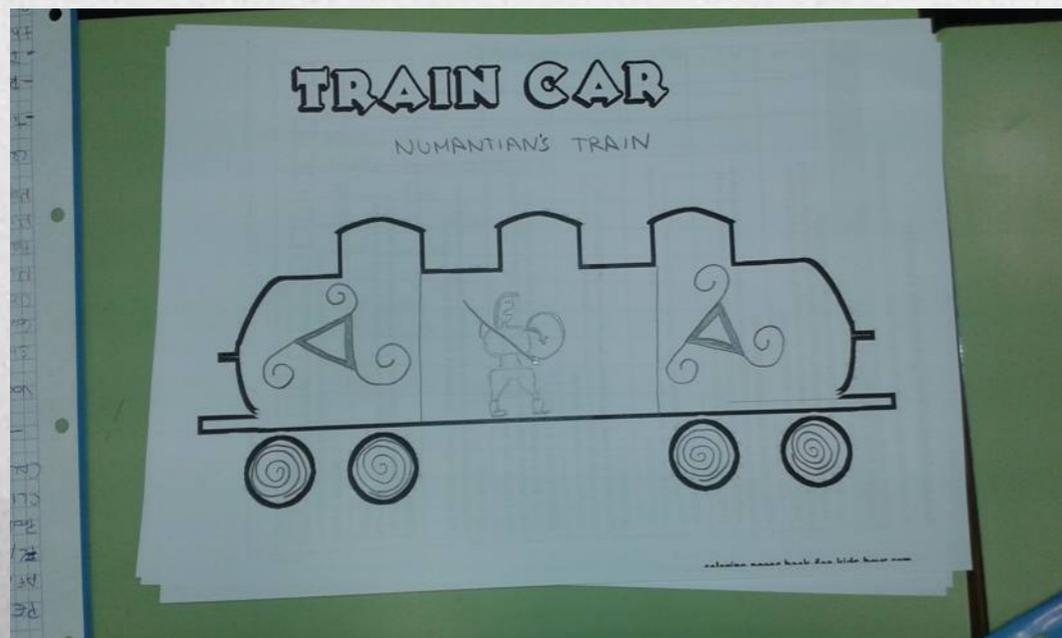
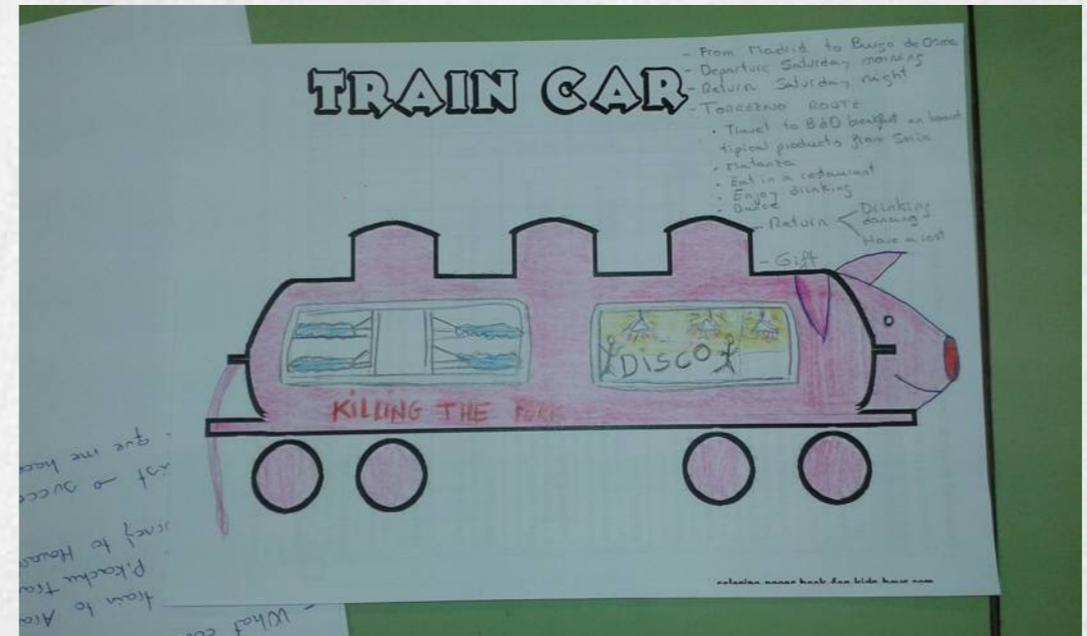
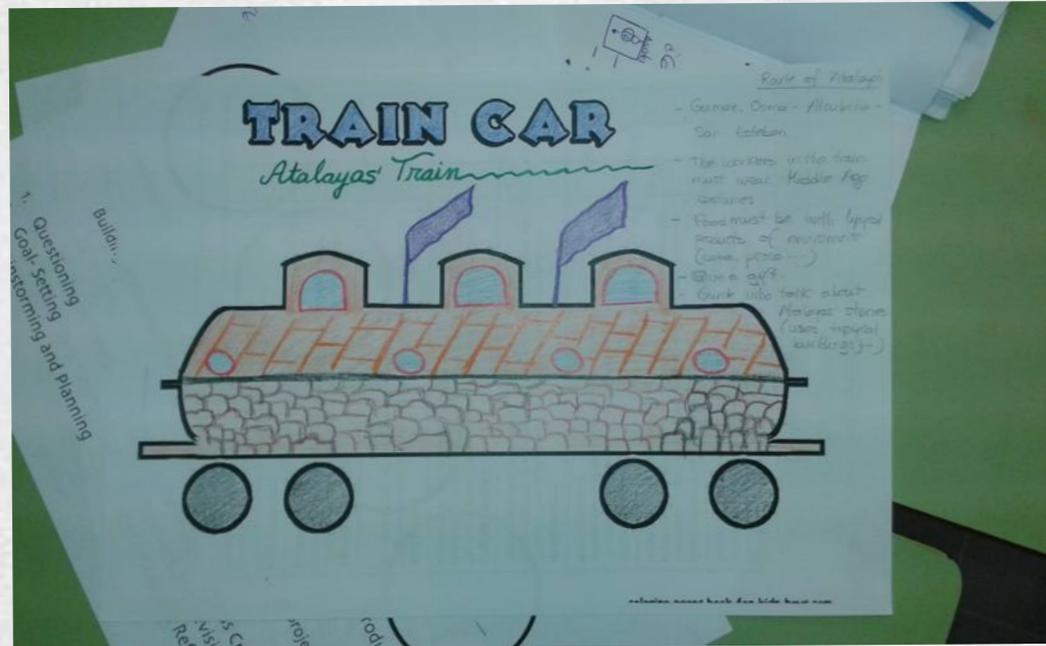
# Feedback Session

- ❖ **PRESENT YOUR THEMED TRAIN IDEA AND TELL THE OTHER GROUP WHAT YOUR TRAIN:**
- ❖ **MIGHT HAVE....COULD HAVE....NEEDS TO HAVE**
- ❖ **WOULD HAVE..SHOULD HAVE...**
- ❖ **TAKE THE FEEDBACK AND UPDATE YOUR IDEA**
- ❖ **YOU CAN SKETCH THE UPDATES ON THE BACK OF THE ORIGINAL DOCUMENT.**

Students would have more time to perfect their drawings at home, in a later final session, or with the art teacher.



This is just our first ideas...we are going to move the project another direction (this is just to show teachers other options)



# Section 3 – Revitalizing Routes Research and Bikes on Trains

- ❖ TIME TO GATHER INFORMATION FOR OUR PROJECT
- ❖ TEACH ROUTES 1 SESSION / NORMAL WAY
- ❖ NOW WE ARE GOING TO GATHER INFORMATION ON ROUTES THAT ARE BEING REVITALIZED AND ROUTES DEVOTED TO CYCLING
- ❖ VIRTUAL OR REAL FIELD TRIP
- ❖ OBSERVE, SURVEY, EXPERIMENT, INTERVIEW
- ❖ RESEARCH ONLINE, LOOK AT MAPS, LIBRARY, ARTICLES
- ❖ MUSEUMS, LOCATIONS, PLACES ETC...

# Section 3 – Routes

Areas of Valencia de Alcántara have bike trails...

Revive train travel America

<https://www.economist.com/business/2018/09/20/a-startup-tries-to-revive-train-travel-in-america>

<https://www.railwaypro.com/wp/railway-revitalization-a-reality/>

We could even do things with the abandoned stations

<https://www.hccdc.nsw.gov.au/revitalising-newcastle>

Bikes and trains Rules

[https://www.nationalrail.co.uk/stations\\_destinations/cyclists.aspx](https://www.nationalrail.co.uk/stations_destinations/cyclists.aspx)

Problems of bikes on trains

<https://wearesnook.com/bicycles-trains-cause-much-pain/>

Bike train initiatives

<https://www.biketrain.ca/about-the-bike-train-initiative>

# Section 3 – Routes

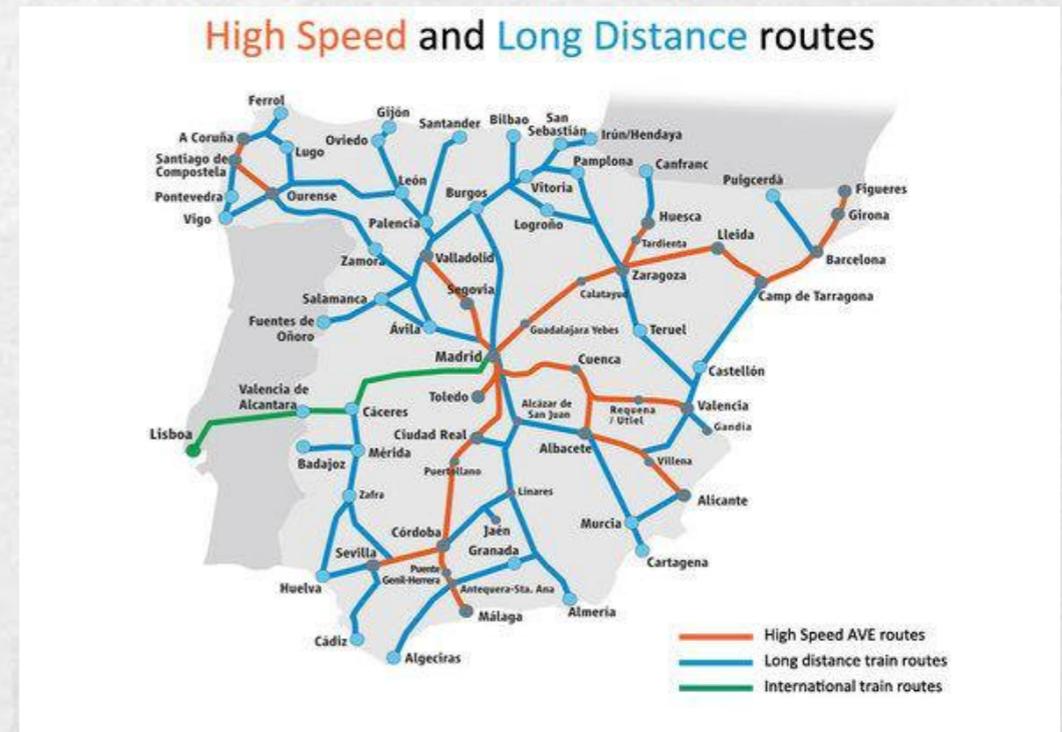
## Sequence:

1. Draft of “experience” trains...could become final project ideas. However, in our case, it is just to get the students thinking creatively.
2. Learn about routes
3. Gather information on revitalization of train routes and stations.
4. Gather information on systems / places trying to improve traveling with bikes onboard
5. Improve our train drafts to now include bikes and propose routes

# Let's add a route to our themed train proposal.



Pokemon Train Route



Renfe Spain

We will create maps and practice material from an old unit on directions.

# Section 4 – Schedules

- ❖ **SESSION 1 - LEARN ABOUT SCHEDULES USING THE BOOK OR NORMAL WAY.**
- ❖ **SESSION 2 - PREPARE TO ASK AN EXPERT. WE ARE GOING TO TALK WITH SOMEONE WHO WORKS FOR RENFE AND ASK QUESTIONS SO THAT WE CAN CREATE SCHEDULES FOR OUR THEMED CYCLISTS TRAIN PROPOSALS.**
- ❖ **SESSION 3 - ASK THE EXPERT - CREATE SCHEDULE**

Departure Station	Departure Time	Arrival Station	Arrival Time
Ichinoseki	11:01	Kasenuma	12:51
Kasenuma	14:37	Ichinoseki	16:34

Here are the **Pokémon With You** operating dates for 2019:

- **March:** 4, 5, 11, 12, 18 to 31.
- **April:** 1, 2, 8, 9, 15, 16, 22, 23, 29, 30.
- **May:** 3 to 7.
- **July:** 15, 16, 17, 22, 23, 29, 30, 31.
- **August:** 1-20, 26, 27.
- **September:** 2, 3, 9, 10, 16, 17, 18, 23, 24, 30.

Where will your Pokémon journey take you? Whether you're just beginning or you're already a Pokémon master, the Pokémon with You train experience is a great place to start. **Get your train tickets, because you've gotta catch 'em all!**



# Final Product

Travel on these other fine  
**GREAT NORTHERN  
TRAINS**

**EMPIRE BUILDER:** incomparable streamliner every day, each way between Chicago and Seattle-Portland via St. Paul, Minneapolis, Spokane. Great Dome Lounge Car, Ranch Car, Dining Car, Dome Coaches, most modern Pullmans—all types of accommodations.

**WESTERN STAR:** sleek streamliner between Chicago and Seattle-Portland via St. Paul, Minneapolis, Grand Forks, Great Falls, Spokane. Stops daily at eastern and western entrances to Glacier National Park June 15 thru Sept. 10.

**RED RIVER:** streamlined train between Grand Forks and Minneapolis and St. Paul via Fargo, Fargo Falls, Alexandria and St. Cloud. Makes daily round trip.

**INTERNATIONALS:** streamlined service three times a day between Seattle and Vancouver, B. C. Morning, noon and early evening departures from each terminal.

**GOPIHER and BADGER:** superlative train service in morning and afternoon between St. Paul-Minneapolis and Duluth-Superior.

**WINNIPEG LIMITED**  
Overnight Between  
St. Paul-Minneapolis  
and Winnipeg

**ST. LOUIS  
RST. 500.**

**GREAT NORTHERN  
RAILWAY**

**You Go Great  
When you  
Go Great Northern**

Great Northern Travel Offices  
in Principal Cities of  
U. S. and Canada

NEWEST AND BEST TO THE PACIFIC NORTHWEST!

## Mid-Century Empire Builder

**The Ranch**  
America's most unique railway car. The Ranch on the Mid-Century Empire Builder, is Western hospitality with a luscious, cow-country flavor. Piano leather... sumptuous cattle brands... weathered oak decor... superb Great Northern food and beverages.

**Day-Nite Coaches**  
Have only 48 seats, so there's plenty of room. New type leg rests and reclining seats let you relax as you ride. Commodious restrooms, wide picture windows, controlled lighting.

**Drawing Room**  
On the Empire Builder provides ample space for an entire family—and every facility for comfort is at hand. Four Pullman berths and two washrooms. Can be divided at night for additional privacy. A great way to travel!

**The Western Star**  
Now in daily service between Chicago and the Pacific Northwest, Western Star is the new name for the train which began service in 1947 as streamlined Empire Builder. Serves Glacier National Park in Montana June 15—September 10.

**The Mid-Century EMPIRE BUILDER**... gleaming third generation of the distinguished fleet of Great Northern passenger trains preferred by discerning transcontinental travelers for nearly 25 years.

Finest of all Great Northern's great trains, the Mid-Century Empire Builder is streamlined perfection, luxury and comfort—a modern hotel on smooth-running rails between Chicago and Seattle-Portland—and at NO EXTRA FARE!

Seven types of modern Pullman accommodations—drawing rooms, compartments, bedrooms, roomettes, duplex-roomettes, lower, upper berths. Coaches featuring reclining, leg-rest seats, extra wide windows and spacious lounges.

**GREAT NORTHERN  
RAILWAY**

You go great when you go Great Northern.

Now you can  
**Bike  
to work.**

**PROVIDES**

From	To	1st Class	2nd Class	3rd Class	4th Class	5th Class
Chicago	St. Paul	1.00	0.75	0.50	0.25	0.10
St. Paul	Minneapolis	0.50	0.35	0.25	0.15	0.05
Minneapolis	Winnipeg	0.75	0.50	0.35	0.20	0.10
Winnipeg	Edmonton	1.00	0.75	0.50	0.25	0.10
Edmonton	Calgary	0.50	0.35	0.25	0.15	0.05
Calgary	Seattle	1.50	1.00	0.75	0.40	0.15
Seattle	Portland	0.25	0.15	0.10	0.05	0.02

**SCHEDULE**

Train	Chicago	St. Paul	Minneapolis	Winnipeg	Edmonton	Calgary	Seattle	Portland
Empire Builder	7:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM
Western Star	7:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM
Red River	7:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM
International	7:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM
Goopher	7:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM
Badger	7:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM

Themed train proposal with drawing, route, and schedule.  
We will put our proposals on our school blog.