

LA FRANQUETA



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History of *La Franqueta*:

Departure from La Franqueta

- It's in Horta de Sant Joan. Situated along the river.
- It's a natural park.
- it's low difficulty.
- It's one of the most visited areas.
- It's possible to visit the museum centers dedicated to Picasso and "Els ports".





- It's leaves the recreational area. To get there you have to go through Gandesa, Horta and the south of Prat de Comte, Arnes... if you come from Camarles.



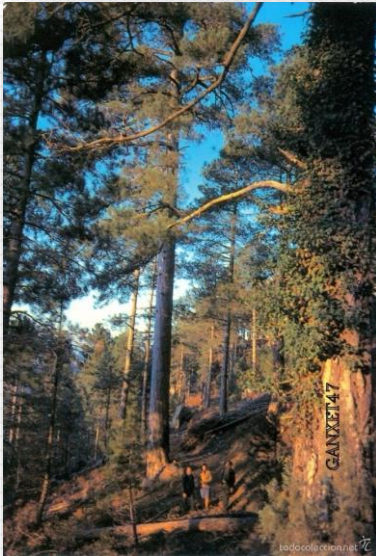
Recreation area Franqueta

- It's situated on the river of the Estrets.
- You can access through places with interesting geological formations.
- You will find roads, trails and interpretive outdoor spaces that invite you to stroll by the environment.



From Picasso to cave Franqueta

- You begin to walk about 500 meters to coll de Miralles.
- There indications to go to the cave of Picasso. After the first few meters of climb there is an old lime kiln.
- Sheltered by pines and oaks, you get to the left bank of the Estrets.



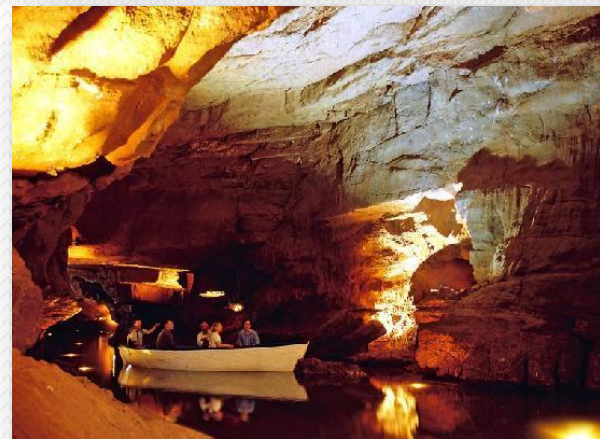
The cave Ullals of Morago

- It's also known as the Cave of Picasso. He did drawings into the cave, in the company of Pallares, and his companion in the Llotja.



Cave Picasso to Franqueta

- You can find the wooden bridge over the river of Estrets and track up the valley Uixó.
- The traject costs about 30 minutes.
- The access road melts and returns to the track that goes down along the river.





- After passing through the Mas de Toni, continue down the trail.
- After 3km you reach the starting point of the itinerary, in the recreation area of the Franqueta. And so we reach the end of the route.



Geography of La Franqueta:

The massif of the Ports of Beceite

- It's a mountainous system of about 800 km² of surface. It's located between the Catalan Pre-coastal Mountain Range and the Iberian System.
- It forms a formidable barrier that separates the flat lands of the Baix Ebre and El Montsià.





- The central structure is made up of Jurassic folds.
- Origin gives it an extremely rugged characteristic with numerous ridges, spiers, hills, peaks, with great ravines.
- The conglomerate is an important material to the Ports.

- The Benet Rocks are a good example of this result.
- The most important summit is the Caro, the highest point of the massif. It is followed by Tossal de en Cardener, Molalos Conejos, Tossal del Rey...
- The Ports are cataloged as a Natural Park by the Generalitat of Catalonia since 2001.



Biology of La Franqueta:

The vegetation

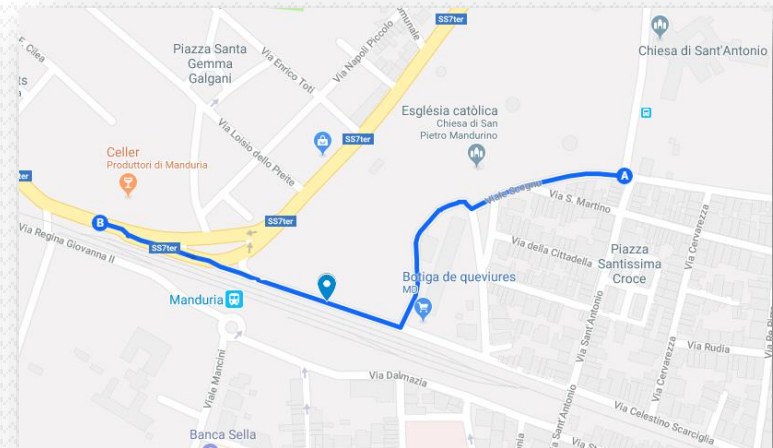
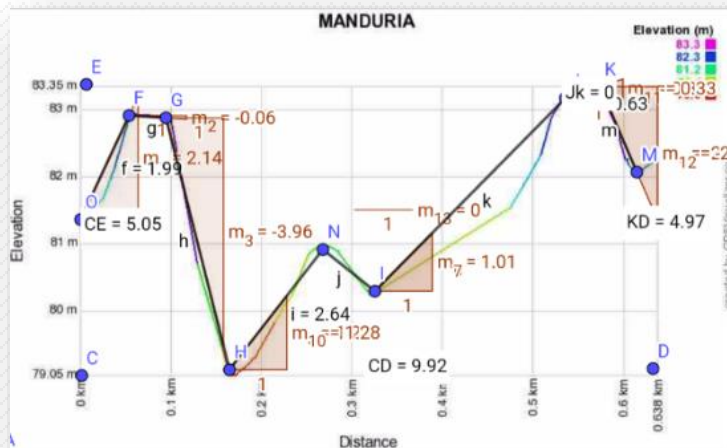
- The vegetation in the Ports is very rich and varied. The most abundant trees are the pines: the Aleppo pine, the black pine and the Scots pine.
- We also find oak, beech, holly and boxwood. And as rare species we find oaks and willows.



Activities of the different subjects:

Maths activity: Route of La Manduria

- we have done a graph about our Italian route to know the slopes and to see the difficulty of it and know on which vehicle we could go.
- In conclusion, the route is very easy and it is suitable for everyone.
- Slopes are 1,32% and you can follow the route on foot or by bike and also by car.



Physics and Chemistry activities: Determination of the salinity of a sea water sample

We went to Riumar and went to the beach to take samples of sand and water to analyze. The next day we went to the laboratory to carry out the experiment.

1. prepare a setting to make gravity filtration.
 2. prepare a filter folds with filter paper.
 3. filter the sand and water sample.
 4. put the sand in a watch glass and let it dry.
 5. collect the water from the sea in a glass of precipitate.
 6. We weighted the glass again with the balance to see the amount of salt.
- The difference between the first weight and the second weight indicated the amount of salt which there was.

The result gave us 38g/L of salinity.



Determinate the time in a route

- We have analyzed the route.
- First we arrived by bus and, when we reached Horta, we took the bike.
- First, to be able to leave Camarles to Horta de Sant Joan by bus, we should leave the high school and go to Tortosa.
- Later, we would have to take another road to go from Tortosa to Horta.



- Second, to be able to do the trip of Horta de Sant Joan to La Franqueta, by bike. It would be quite difficult to do it as there are pending slopes.
- Third, to be able to go from Horta de Sant Joan to Franqueta on foot, we spend 63 minutes approximately.



Another activities: Music, P.E and VIP.

This week the students of Italy have arrived and we have prepared activities. In music we have prepared an audition in which some of the students will play different instruments such as the flute, the piano, the drums... at VIP we have prepared the decoration of the audition and PE the 3rd students will dance a typical Italian dance, called "Tarantella."



