SUSTAINABILITY AS A RESOURCE

IES MARÍA CEGARRA SALCEDO

WORKSHOP

WORKING WITH GPS OUTDOOR

Team __ (1 to 5)

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

Our aim is to achieve enough knowledge about how to visit unknown areas freely with the help of a gps device.

We will practise a bit before going outside tomorrow.

Operating Process

1.There is a folder in your PenDrive called Routes and you can find two files: Route 01.gpx and Route 02.gpx

2. Run Mapsource and open Route 01.gpx

3. Find the profile and paste it here. . You can use print screen and Paint.

4. Open Route 02.gpx in another screen.

5. Paste here its profile.

6. Join them in only one route and save it as La_Union.gpx in the folder Routes.

The new track should combine parts from both routes. So you will have to edit them cutting, adding points if it is necessary.

7. Filter La_Union.gpx with 500 points and save it as
 La_Union_ filtered.gpx
Many old gps only accept 500 points in every route.

8 Open wikiloc with this account

name: sustainability as a resource

password: 123456789

Upload the file La_Union_team_xx. (xx team 1,2 …. 5.)

9. Once you have done it you can write down the following information.

Distance: _____ km

Metres up hill _____m

10 Download this route in format kml and open it in Google Earth

11. Paste here one image that appeals to you from Google Earth.

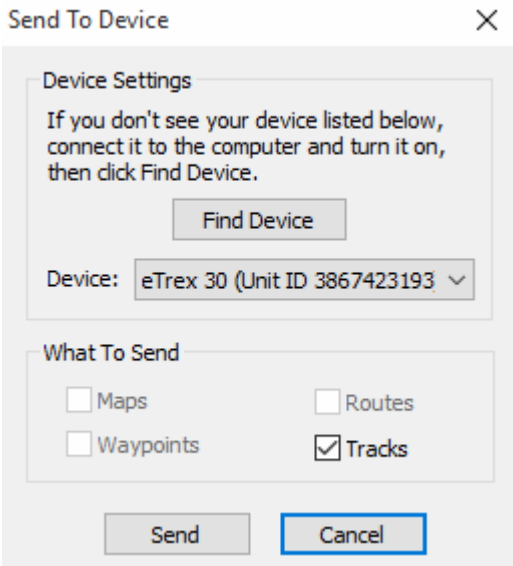
12 Ffind Layer on the left column and Wikiloc.
Check some near tracks availables for walking, cycling etc.

13 Try to find a nice route in your country and display it to your team in Google Earth.

14 Tomorrow you will guide a route close to the school. Go to Wikiloc and download to your Etrex XX (Gps Garmin) the route called

Spain. Route 1. Camino del 33.

Open this route with Mapsource and send it to your device (garmin) using the following icons. Send the map also, if it is necessary.



If you are not using an etrex XX device you should have Wikiloc in your smarthphone ready to download this route.

16 Tomorrow morning Spanish people will be pleased to follow your instructions to get to Portman.

17. Comment with your partners some ideas about using gps devices and write them below and upload this document to Etwinning.