



Erasmus+



**ERASMUS+ 2014-2016:**

**MATHS IS EVERYWHERE!**

**TASK 3 – MATHS & TRAVELLING**

## **OUR GROUP MEMBERS:**

**Karolina Wrona**

**Klaudia Zieja**

**Weronika Kozłowska**

**Angelika Dąbrowska**

**Maciej Cedyński**

# ***TASK 3***

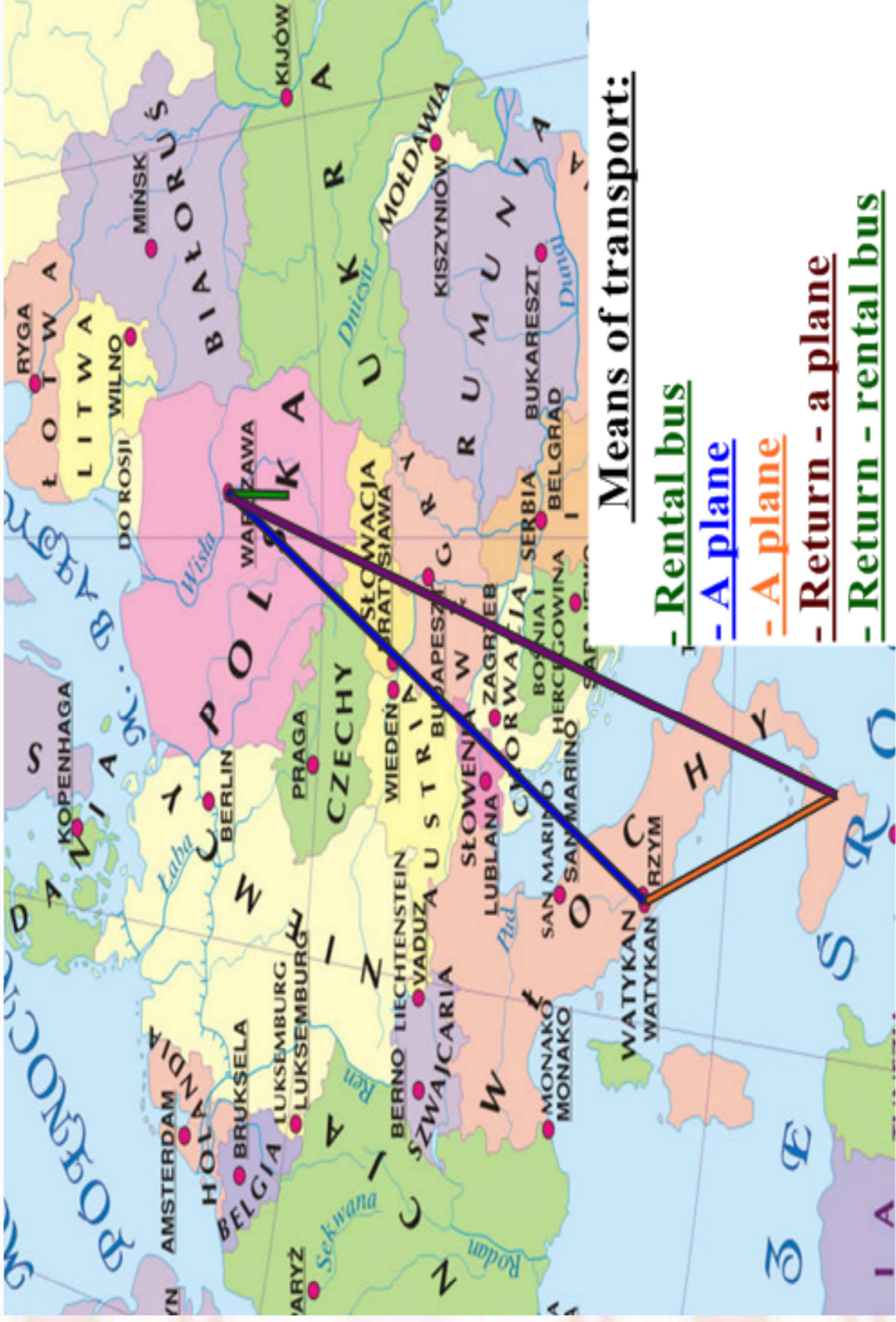
## ***MATHS AND TRAVELLING***

**In our group there are 20 members.  
We will travel by plane to the partner school  
in Sant'Agata Li Battiati in Italy.**

- Warsaw - Sant'Agata Li Battiati
  - Map scale 1:17500000
  - Map distance - 9,5cm
    - 1cm-17500000cm
- $17500000\text{cm} * 9,5\text{cm} = 166250000\text{cm} = 1662,5\text{km}$

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The distance that we have to travel is comparable to the distance on the map.



# **The plan of our journey:**

**Rudki - Warsaw**

**Warsaw - Rome**

**Rome - Catania**

**Catania - Sant'Agata Li Battiati**

**Rudki - Warsaw – by minibus (rented)**

**$2.8\text{zł}/\text{km} * 166\text{km} = 464.8\text{zł}$**

**The distance from Rudki to Warsaw will be covered in 2 hours. There are more than 10 people in our group, so we will have to arrive at the airport 2 hours before flight. We leave Rudki at 8.00 a.m.**



**Warsaw - Rome – by plane**  
**249zł per person \* 20 = 4980zł**  
**Date of flight - 7 May**  
**Flight at 12.10 and landing at 14.35.**





**We've got 5 hours to visit Rome.**



**Rome-Catania – by plane**  
**52zł per person \* 20= 1040zł**  
**We take off from Rome at 21.35**  
**and we arrive in Catania at 23.05.**



Catania - Sant'Agata Li Battiati

The partner school is paying for the trip

Time - 20 minutes.

We arrive at the hotel at 24.00.

In Italy and Poland time is the same.



**We will finish our journey in 16 hours.**

**The price of the one-way journey is 6484,80zł -  
one person will pay 324,24zł.**

**We have to survive all day  
on the delicious sandwiches  
made by our dear parents.**

**We have to remember to take the money  
to buy something to drink in the shop, too.**

**After eight days staying with our new friends from Europe, we have to say goodbye and leave :C**

**Catania – Warsaw**

**371zł \* 20 = 7420zł**

**We will come back on 16 May,  
starting at 15.45 and landing at 18.20.**



**Warsaw -Rudki**

**2.8zł/km\*166km=464.8zł**

**The expected come back to our village is at 21.00.**



**The price of our journey is 14369,60 zł,  
so every person will pay 718,48 zł.**





**Thanks for watching!**