



GLOBAL HEAT

Activities on Mount Etna - Italy

Liceo Scientifico Cannizzaro

Palermo -Sicily

21-26 March

Date	Programme	Bring with you
Sunday 20 th	Arrival of students. Take the airport bus (price = € 6,50) to the city center (train is not recommended as interruptions often occur). Shared taxis (€ 8,00pp) are also available at the taxi parking on the left side exiting the airport building.	
Monday 21 st	9:00 meeting at school Introduction to the Italian week and tour of the school 10.45 -11.00 coffee break at school 11.00 - 13.00 Presentation of the groups and introduction to the Volcanic trip 13:15 Lunch at school 14:00 Social Activities and Tour of Palermo Dinner at host families	
Tuesday 22 nd	7.00 meeting at school and leaving for Nicolosi /Etna 10.00-10.30. Arrival and check in to the hotel 12.00 Introduction to some features of the volcano. 13.00 -Lunch at the hotel. 14.00 - excursion to Monti Rossi and walk around the Astronomical Observatory. Return to the hotel - workshop 20.00- Dinner at the hotel.	-warm and water-resistant clothes (boots + warm jackets + base layer +hat+ gloves) -snacks -
Wednesday 23 rd	8:00 breakfast at the hotel and departure for the second excursion to Etna - packed lunch 17.30 return at the hotel Workshops at the hotel 20.00 - Dinner at the hotel	Warm clothes – warm jacket- hat – gloves Second excursion on Mt. Etna – we are staying outdoor for 4/5 hours – bring snacks
Thursday 24 th	8:00 breakfast at the hotel Workshops and reflection on the trip, preparing for presentations 13.00 -Lunch at the hotel Departure for Palermo With a touristic stop (Tindari or Cefalù) depending on weather and time schedule) Dinner at host families	
Friday 25 th	9:00 – 12.00 – Presentations of students' works 12.00 Lunch at school Afternoon free	-

Saturday 26 th	Departure	
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Excursion to Etna Tuesday 22/3

On Tuesday, March 22nd, after the arrival at the hotel at Mt Etna, you will be introduced to the volcanic activities to be carried out on the field and workshops that will follow. After lunch we will take a short walk to Mt Rossi (1,700 mt) on the south side of the volcano. Here you will see the morphology of the rocks of the activity of the volcano as well as the area of Hornitos (on Monte Concilio and Pietra Cannone) which is a particular area of eccentric craters where the lava signs are particularly evident.



Dinner at the hotel

Activities

The day is mainly focused on observation and collecting samples of rocks and

23rd March- Nicolosi/Etna

- 7.00 Breakfast at hotel
- 8.00 Excursion to the 'Schiena dell'Asino' and Monte Vettore. The itinerary may be changed due to weather conditions.

Activities:

Practical demonstration with tools used for the monitoring of volcanic geochemical activity and temperature analyses on fumaroles.

Students will measure temperatures with the help of volcano experts, they will test CO₂, H₂ and CH₄ as well as carry out sampling of volcanic minerals and gases with acid base reactions.



- 18.00 back to the hotel
- short workshop and reflection on the volcanic CO₂ in relation to Global Heat.
- 20.00 Dinner at the hotel

24th March Nicolosi - Palermo

- 7.00 Breakfast at the hotel
- 8.00 workshops and preparing for presentations
Groups will address the following topics:
Ethnographic and geomorphological survey of the Etna; description of the eruptive activity and types of production of the stems.

Data collection and data elaboration from the samples taken on the field trips: gases, di gas, CO₂, H₂ e CH₄ analyses and measuring temperatures.



Impact of volcanic CO₂ on Global Heat in the Mediterranean area.

- 13.30 Lunch at the hotel

25th March – Palermo

- **Presentation day**

9.00 Meeting at school – Presentation of the works

10.45-11.00 coffee break

11.00 continuing presentations and reflection on the week

13.00 Lunch at school

Afternoon free