

The GLOBE – Air Quality Campaign as a STEAM Learning Ecology

Between 11th November 2024 - 6th December 2024

SMC Erin Serracino Inglott Middle School, Cospicua









Counting by tally of the vehicles, bikes, construction trucks

Collection of data 2-Air Quality Monitor

Air Quality monitor readings of:

- Humidity
- Temperature
- VOC
- PM
- CO2





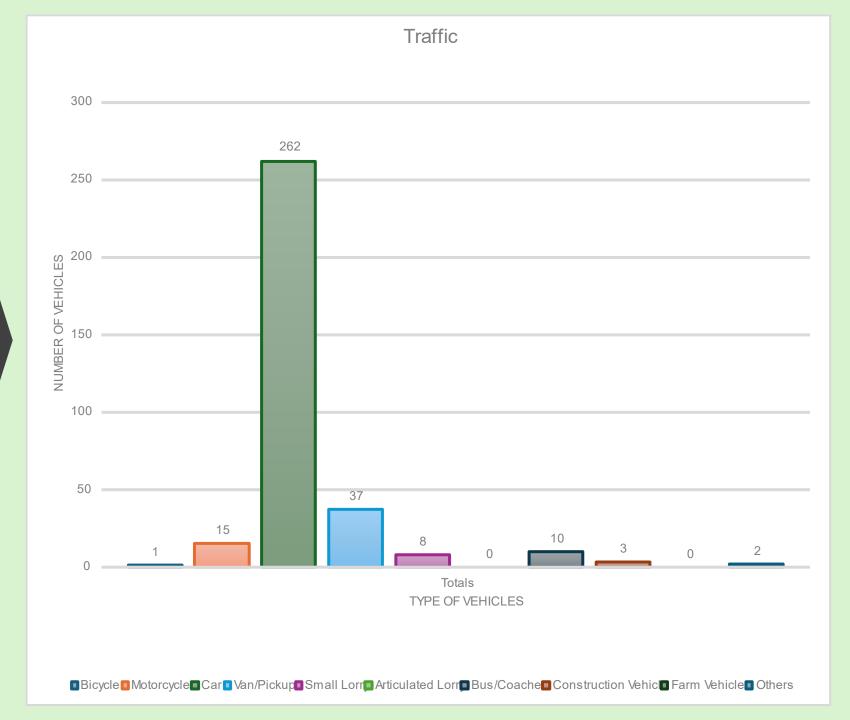
Data Collection 3 - Cloud Data

- Filling in sheets as regards visibility, type of clouds, wind force and rain,
- Teacher's Mobile Globe app was used to upload data on website.

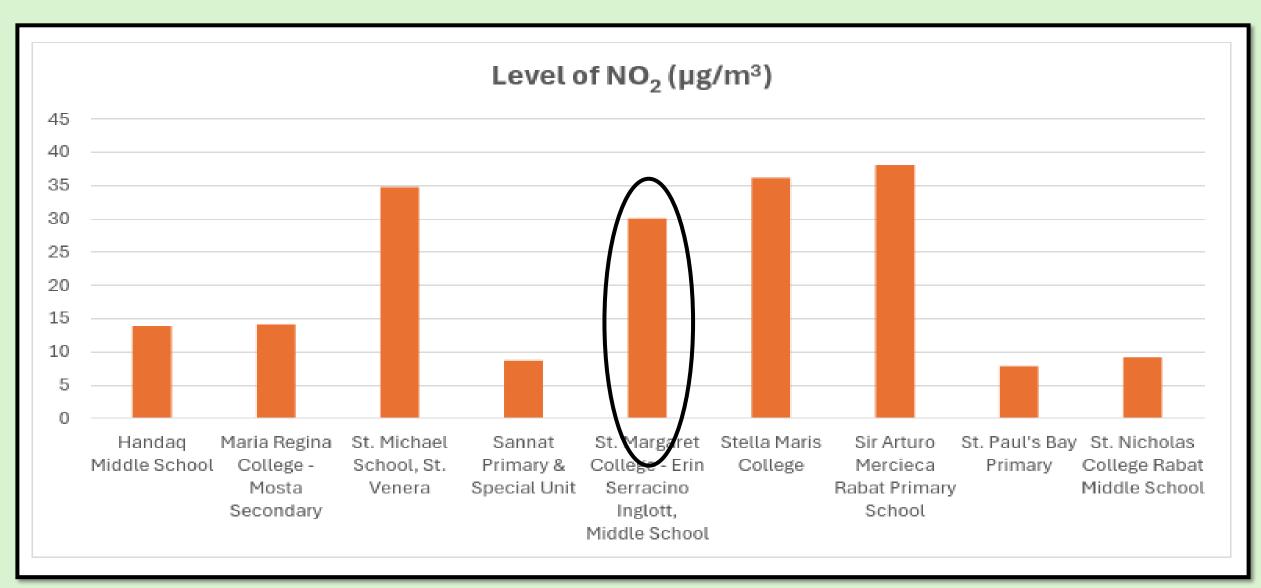
Presentation of Data



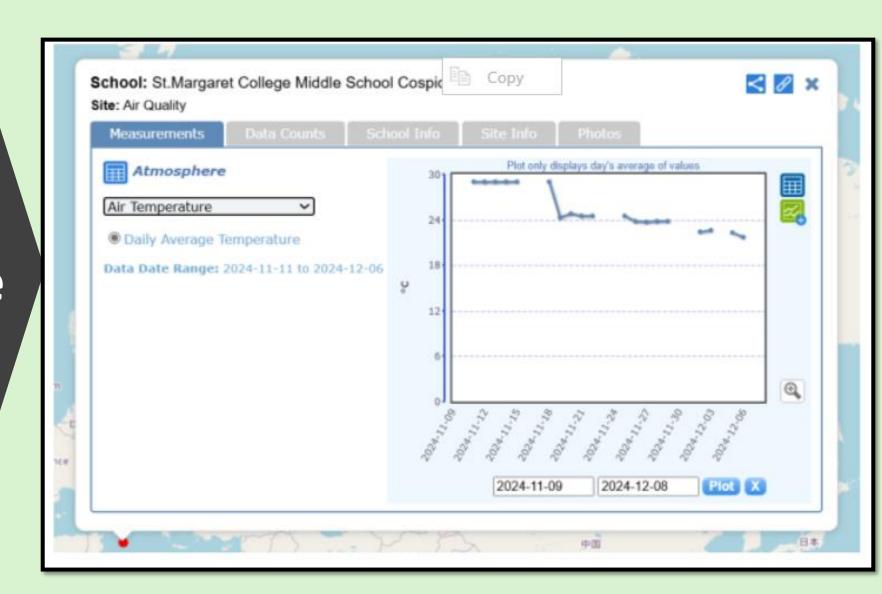
Traffic passing daily



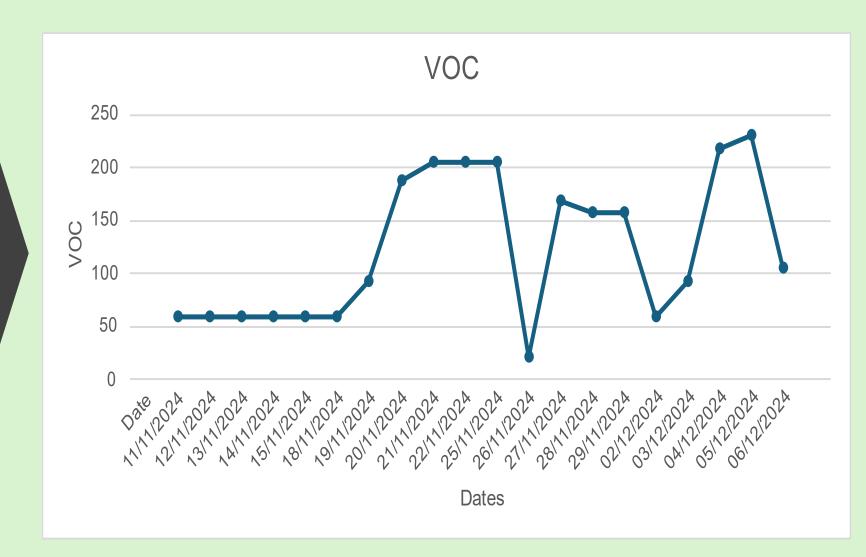
NO2 Results



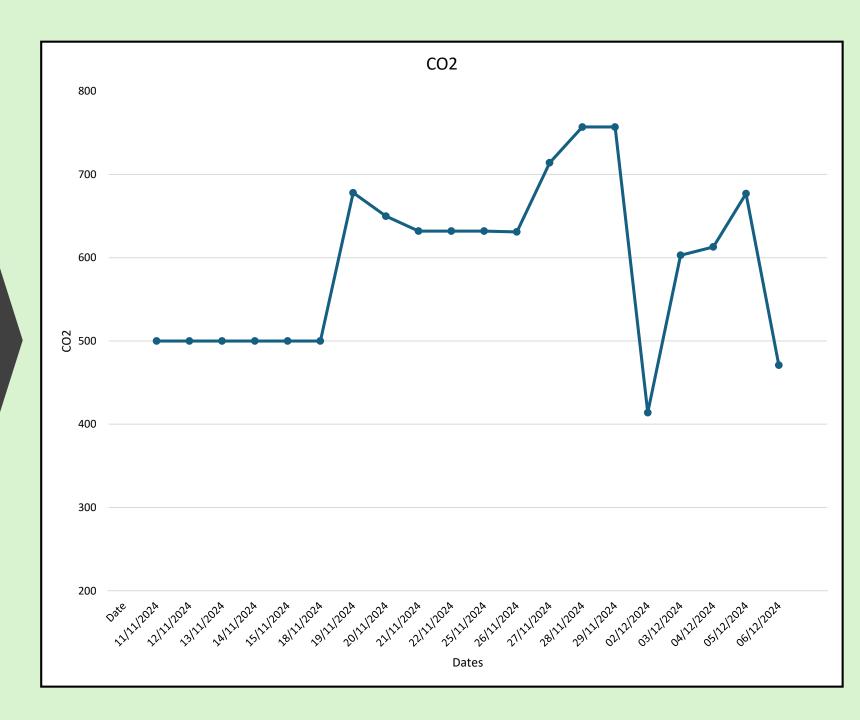
Air Temperature



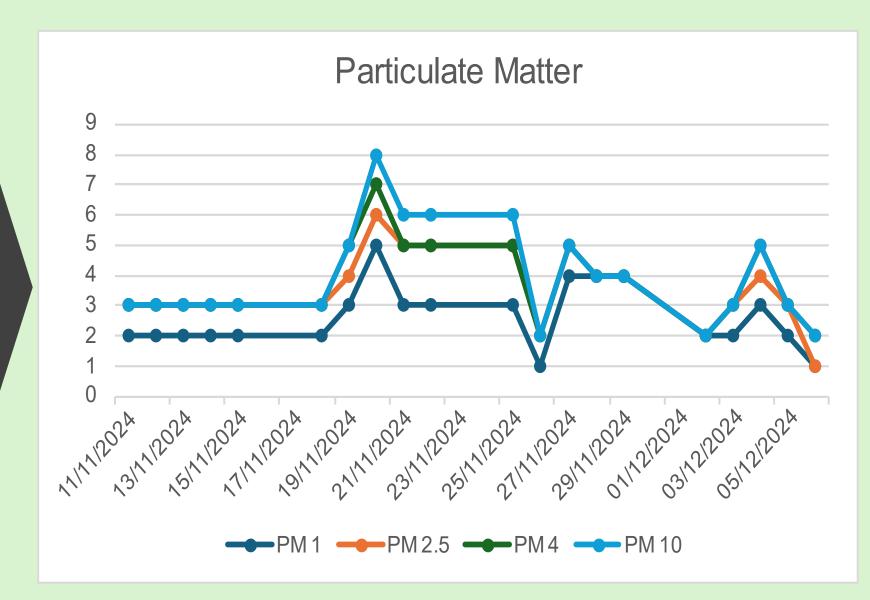
Volatile Organic Compounds



Carbon Dioxide Levels



Particulate Matter



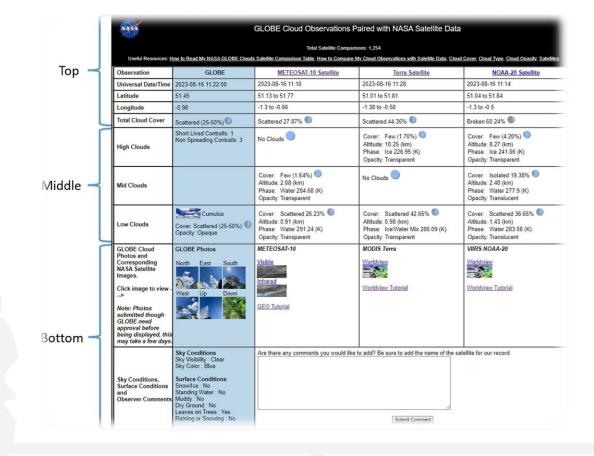
Studying Clouds

Percentage cover

Cloud types (Low, Mid and High)

Take pictures and upload on Globe website

Satellite comparison and report







Sustainable Developmental Goals (SDG's)

SDG Number 3: Good Health and Well-Being

> SDG Number 4: Quality Education

SDG Number 11:
Sustainable Cities and Communities

SDG Number 13: Climate action



Involving the whole school community and the local community





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