



Case Study 02

Reading School

31st January 2024

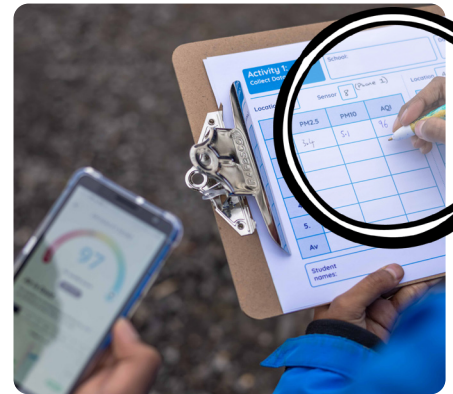


Mark from Design Nature was joined by Marta from the University of Reading, and Jonny from Stantec, to deliver an enrichment session to 25 Y9 GCSE Geography students. During this hands-on session, we invited the students to become 'Air Quality Mappers' enabling them to explore air quality (AQ) and air pollution further.



Following a short programme introduction in the classroom, we split the students into groups of five and facilitated an outdoor AQ mapping exercise, where the students were given handheld AQ sensors, dedicated smartphones, and spreadsheet, to measure and record AQ data for themselves.

Returning to the classroom, the students were able to compare the data that had been recorded in different locations across the school grounds. This allowed them to make informed assumptions about their findings, discuss the outcomes as a group, and offer suggestions for improvement.



The session went extremely well, and much was learned by all parties. We have left the school with indoor and outdoor AQ sensors, and a dashboard, to use for further exploration, allowing them to record and evaluate their own data.

"I just wanted to thank you for running the session yesterday with the Year 9's. It was excellent and the students really enjoyed it."

If you would like your secondary school (or know of one which would) to be involved in the CALM programme, and access the 'free' resources, please complete our short enquiry form [Explore AQ Here](#) and we will get back to you.

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