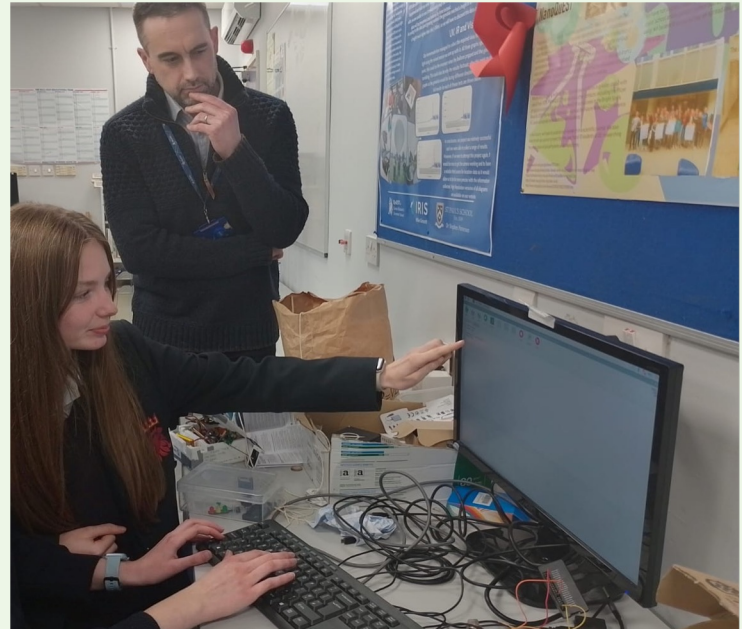


# Particulates – are they polluting your safety?

Air pollution is recognised as a serious danger to health and wellbeing. By making our own pollution monitors we want to map out the level of pollution in our local area. We are specifically focusing on routes to school to see how much our students are exposed to different particulates as this may affect their learning. We hope to work with either our school's ecoQuEST research group or other specialists to reduce the amount of pollution that our students are exposed to and in our town in general.



We expect that the levels of PM<sub>2.5</sub> will be higher by the main roads due to lots of car exhaust emissions and the levels of carbon dioxide will be highest in classrooms with poor ventilation. We expect both will be lowest in the open countryside. In the future, we hope to reproduce our monitors to map out the whole area, and possibly monitor more pollutants.