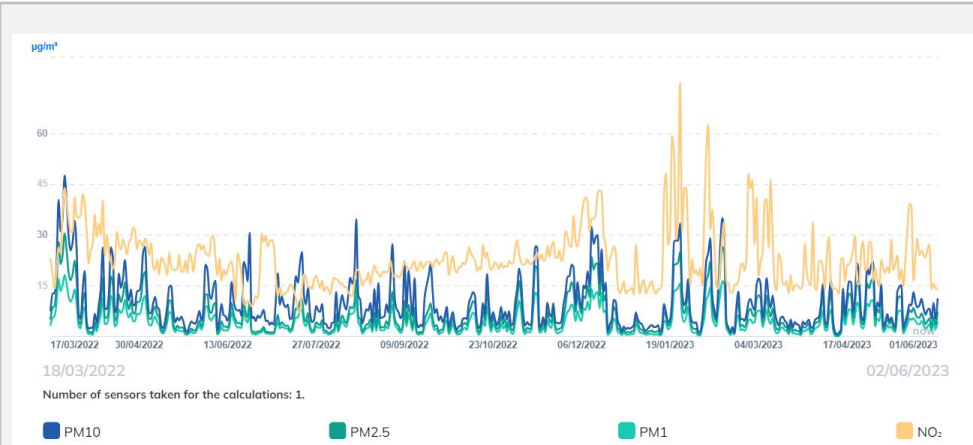


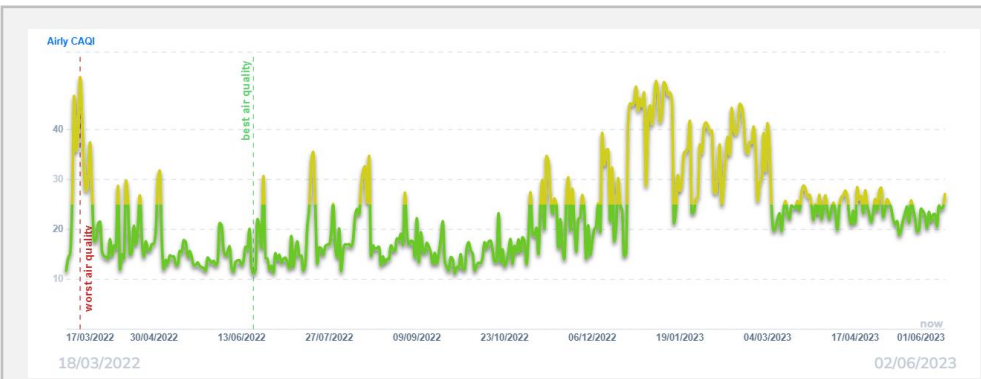
Grendon Primary - Air Quality Factsheet (June 2023)

To raise awareness of air quality Birmingham City Council has installed a number of air quality sensors in schools across the city. Grendon Primary is one of the schools taking part, with the sensor installed on the 17th March 2022. Live data can be viewed via [Air Quality Map - Check air pollution in your area - MyAirly](#) This factsheet covers the period of installation to the 1st June 2023.



Nitrogen Dioxide is an odourless gas which is generated by burning fossil fuels. Vehicle emissions generate higher levels of Nitrogen Dioxide. Generally, levels of Nitrogen Dioxide are low during the summer and high during the winter due to more vehicles traveling in winter months and the cold weather that traps pollution close to the ground.

Particulate Matter are fine grains of dust that come from numerous sources, things like brake pads and tyre wear, wood burners, bonfires, fireworks and construction sites. PM₁₀ and PM_{2.5} are microscopic in size, with PM_{2.5} being the smaller of the two.



Air Quality Index analyses a number of pollutants to provide an overall grading of the air quality. The more often the sensor is green the better the air quality. The more orange to red the poorer the air quality is.

For Grendon Primary school the Air Quality index has shown an average of Low air pollution.

Average: Air Quality Index



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- For more information on air quality see
- [Health matters: air pollution - GOV.UK \(www.gov.uk\)](#)
 - [Home - Defra, UK](#)
 - [www.Birminghamairquality.co.uk](#)

Any questions please contact Pollution.Team@birmingham.gov.uk