

## **"Air Pollution Test In Our School"**

21 November 2022 in our school students of first classes started organizing project about air quality on school's area. Making this project was possible thanks to air quality detector AIRFOX which was installed in front of the gym's exit. The device does measurement level of pollutant concentration PM1.0, PM2.5 and PM10 and also temperature, humidity, atmospheric pressure.

This project allowed students to gain more knowledge and better understand the serious problem of air pollution. Thanks to bigger awareness society in this area will be possible to do more actions for low-carbon development.

All first classes got tables for saving everyday dust concentration PM2.5 [ $\mu\text{g}/\text{m}^3$ ] i PM10 [ $\mu\text{g}/\text{m}^3$ ] for a month and was introduced them Polish Air Quality Index with general information. After completing tables in every class was choosing 3 students who did the conclusion of the project in the visual version. Summaries were judged by a commission of science subjects' teachers. Works were judged with general aesthetic, completeness of measurements and placement dusts PM2.5 i PM10 on diagram with measuring units.

The order of first places is following:

1. Class I F
2. Class I A
3. Class I C

The project was described and also posted on school paper with all classes' tables.