



## PROJECT CASE STUDY

# Science Fume Cupboard & Extraction Upgrade

Stoke High School, Ipswich



Before



After



After



After

## Project Overview

TDP Group was appointed by Ormiston Academy Trust to replace the existing science fume cupboard and associated asbestos flue at Stoke High School. The project required a full upgrade of the extraction system, together with associated electrical works and final commissioning, all within a two-week programme.

## Project Highlights

- Existing asbestos flue removed by registered certified contractor
- Live-school delivery with safeguarding controls
- Internal duct routing to avoid external façade impact
- Roof penetration and connection to roof-mounted extraction unit
- Mechanical, electrical and commissioning works included

## The Challenge

The client did not want visible external ducting, so the new extraction route had to be taken internally through a first-floor classroom before penetrating the roof. The works also involved specialist asbestos removal and careful coordination within a live school environment.

## Project Details

|  |                        |                        |
|--|------------------------|------------------------|
|  | <b>Client:</b>         | Ormiston Academy Trust |
|  | <b>Location:</b>       | Ipswich, Suffolk       |
|  | <b>Contract Value:</b> | £24,000                |
|  | <b>Programme:</b>      | 2 weeks                |
|  | <b>Sector:</b>         | Education              |

## Scope Included

- Removal of existing fume cupboard
- Replacement with new fixed-ducted fume cupboard
- New PVC ducting routed through first-floor classroom
- Connection to roof-mounted extraction unit
- All associated electrical works
- Testing and commissioning

## Outcome

The project was completed on time within the agreed two-week programme. TDP Group delivered a fully operational science fume cupboard and upgraded extraction system, with all specialist, electrical and commissioning works coordinated as a single package.