

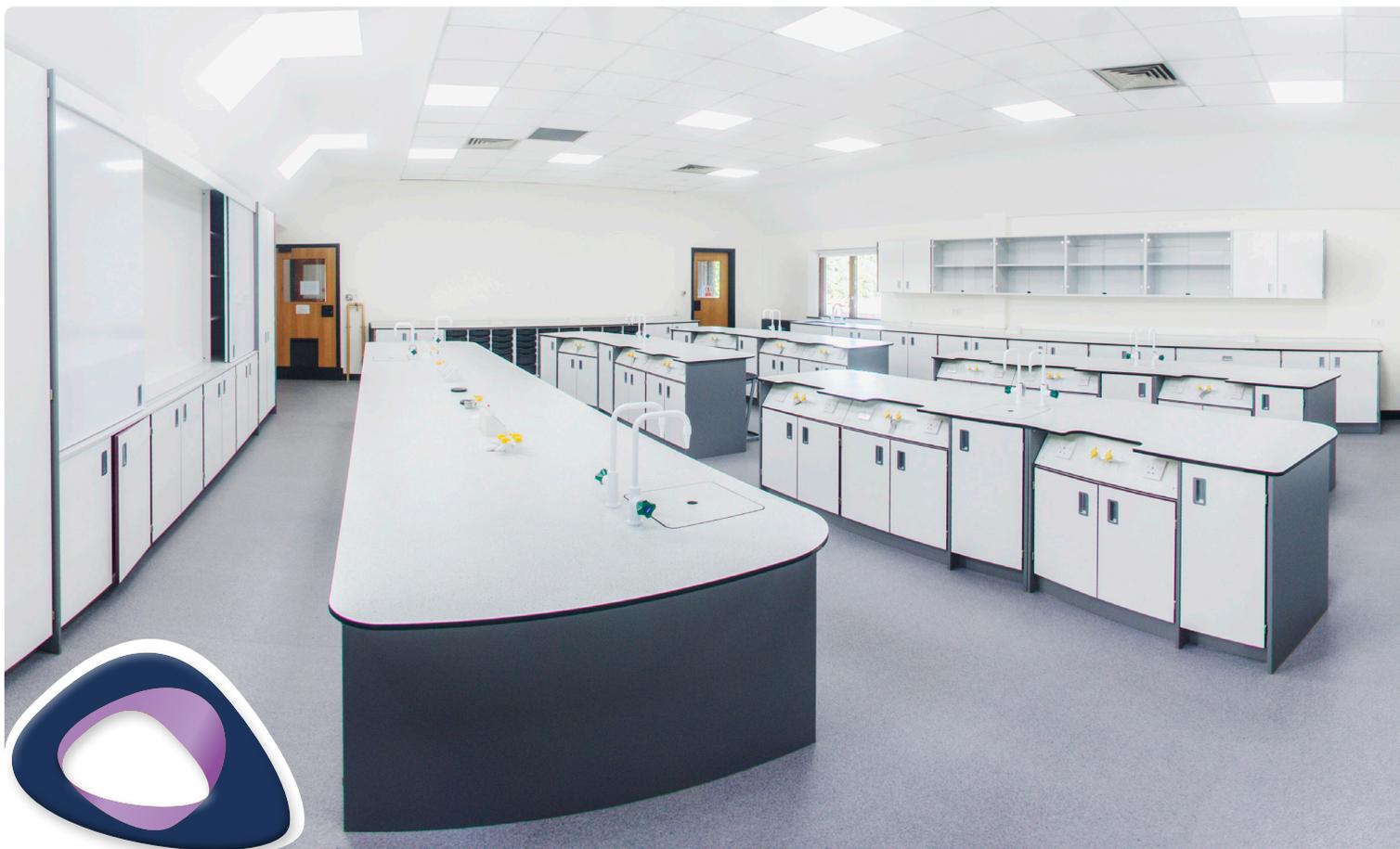
Laboratory case study

Stockport Grammar School Greater Manchester

Contractor | Innova Design solutions
Timescale | 2 weeks on site
Architect | Innova Design Solutions



Stockport Grammar School was founded in 1487 and is one of the oldest schools in the country. The buildings and grounds have seen almost continuous transformation over the years to ensure first class facilities for the 1400 pupils on roll. As the school celebrates its 100th year at the Hallam site, Stockport Grammar were looking to modernise an existing laboratory to meet the needs of 21st century learning.



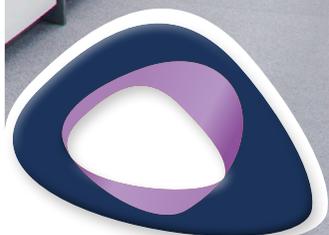
Brief

Stockport Grammar School already boasts an excellent reputation and dedicated staff, however to encourage lesson engagement further, and to give teachers and pupils the facilities they deserve, an upgrade was needed for one of the older chemistry classrooms.

By working closely with the school and prioritising the needs of both the students and teachers using the classroom, Innova were able to design a cutting-edge chemistry lab that users can take pride in and enjoy using.

“ Before the redesign, the configuration of the room meant that engagement levels were dictated by where students sat. ”

Dr Annie Glarvey, Head of Chemistry



Carcase | Manufactured from 18mm MF MDF
Worktops | Trespa
Edging | ABS Colour matched edging

Seating |
Handles |
Hinge |

Ergonomic stools
Zinc alloy D handles
240 ° pivot safety hinges



“ Teachers now have a full view of all students, which has improved student engagement significantly. ”
Dr Annie Glarvey, Head of Chemistry



Solution

The old lab has been completely overhauled and now features a 'Wing' layout, which supports a flexible environment for both theory and practical work. Every pupil faces the front of the room, the teacher can circulate freely, providing a more collaborative approach to learning.

The Chemistry lab has been reconfigured with the teacher positioned along the long wall, which shortens the lines of communication and improves classroom management.

With services located on the front face of the units, working space is optimised and gas and electric services are still easily accessible.

The layout will allow students to switch quickly between practical and theory lessons.

Installation of a space saving teacher wall, which houses both an interactive white board and dry wipe white boards, with multiple storage options, helps to de-clutter the front of class and maximise concentration.

The new state-of-the-art lab will ensure the quality of teaching and the students' learning experience is enhanced.