

Science Laboratory case study

Corelli College London

Contractor |
Timescale |
Architect |

AD Construction
3 Weeks
Bailey Garner Partnership



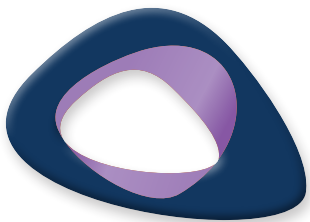
Brief

Corelli Sixth Form College, Blackheath, London is known for academic excellence and strives to ensure their students achieve outstanding results. After securing a CIF bid with the support of Bailey Garner LLP, the college was looking to reinvent their old science laboratories, from outdated, poorly laid out classrooms into modern state-of-the-art learning environments.

Working in partnership with Bailey Garner LLP, Architectural Decorators Limited and the college Innova was appointed as the FF&E specialist, to develop five new cutting-edge laboratories that improve classroom management, accommodate both practical and written lessons efficiently and optimise student engagement and learning.

“
Innova were very accommodating and responsive throughout the entire process. Highly recommended
”

Alex Bennet, Architect, Baily Garner



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

Seating | Ergonomic stools and chairs
Handles | Zinc alloy inset handles
Hinge | 240 ° pivot safety hinges



Solution

With careful planning and consultation, Innova delivered five brand new laboratories, complete with teacher walls, plenty of storage areas and up-to-date fume cupboards providing the teaching staff with the flexibility and freedom to adapt to a broad range of teaching styles from collaborative group work to individual studies, enhancing learning and productivity.

The five new laboratories were redesigned to create, three distinct adaptable layouts, whilst providing educators with the flexibility to teach Physics, Chemistry or Biology in any one of the rooms.

Innova's 'Hot corner' layout was selected for room 105. This design addresses the need for a working classroom and practical laboratory in the same space. It ensures students are facing the teacher, and have a more collaborative approach to learning and optimises circulation space.

The Semi-circular pod layout was preferred for the three other labs, to accommodate smaller groups of 5-7 students. With each pod strategically positioned to ensure the tutor has full visibility of all pupils, improving classroom management. Plenty of storage around the perimeter minimises clutter but, also allows practical sessions to be set up quickly. A teacher demo area with integrated services provides the perfect space to deliver practical demonstrations.

The pear drop pod layout was approved for the final two labs, providing the flexibility for both independent learning and collaborative learning working in groups of ten, replicating a professional work place environment. Sinks were located around the perimeter with plenty of storage to house equipment, allowing surfaces to be kept clear and clutter-free, minimising student distractions.

Velstone work surfaces were specified throughout to guarantee the longevity of the labs for years to come.

