

## Science Lab Design

# Tonbridge School, Kent

"Tonbridge School has undergone a major transformation of our science department, resulting in the state of the art Barton Science Centre. From initial concept to completion, Klick explored all possibilities for the furniture design suitable for these unrivalled facilities. They worked closely with members of each science department, the architect and the main contractor until the designs were refined, ultimately delivering a unique solution with aesthetic and functional furniture that blends with the architecture. The school are delighted with the practicality of the teacher walls, the flexibility of the teaching lecterns and the way the design encourages collaboration and an interest in the sciences. We appreciate the attention to detail and level of finish required from Klick to deliver this impressive 2 year project."

#### Anthony Moore - Bursar, Tonbridge School, Kent



Curved island benching with Velstone worktops

Large island benches to encourage collaboration



Practical lab with 360 degree fume cupboard



Individually styled lab with contrast tray storage

#### **PROJECT BRIEF**

The Tonbridge School science centre dates back to 1887. The modernisation and extension was not simply about creating more science labs, the school wanted to design a world-class hub for teaching, learning, innovation and discovery. Each science lab was to have a unique design. Klick worked with Baxall Construction and BDP to turn the extremely ambitious project into reality.

#### THE RESULTS

Klick worked closely with BDP to develop 19 inspirational practical labs / classrooms all with bespoke furniture. The school wanted to transform the way science was taught and understood by their pupils; making science more engaging. We designed the furniture and lab layouts to promote collaboration between students. The focus was on clean lines and symmetry, making the furniture seamlessly integrate with the contemporary architecture.

To help achieve this look the central island worktops were designed to give the illusion that they are floating. The Klick design team developed a bespoke cantilever framework to support the Velstone worktops without the addition of leg frames. Our designers also built bespoke teaching lecturns with self-contained, concealed power and data sockets. The 17 units were designed to provide the staff with a flexible teaching resource which could be relocated and connected to the nearest power/data floorbox.

The end result is an inspirational space at the heart of the school with cutting edge facilities to encourage pupils to embrace the scientific world.

#### **PROJECT DETAILS**

- Free comprehensive design and consultation service
- 2D & 3D CAD drawings provided
- Full project management service
- Design & prototyping of bespoke furniture
- Supply of 17 bespoke teaching lecterns
- Supply and installation of furniture

### PROJECT DESCRIPTION

Installation of furniture for 17 school science labs, 2 theory rooms & 3 prep rooms

#### VALUE £361k

#### CLIENT

**Baxall Construction** 

#### **Architect** BDP

#### **DURATION OF WORK**

9 week phased programme

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Tel: 0161 998 9726 email: sales@klicktechnology.co.uk www.klicktechnology.co.uk

