



elite systems

Crown
Commercial
Service
Supplier

Ysgol Gogarth School

Double Classroom Accommodation

 **Client:** Conwy County Borough Council


 **Sector:** Education


 **Location:** Llandudno, North Wales


The Brief


Ysgol Gogarth School required additional high-quality teaching accommodation to support pupils with additional learning needs. The brief called for a single-storey modular building providing two full-size classrooms with shared ancillary accommodation, including accessible WC provision and an assisted changing room.

Elite Systems designed, manufactured and installed the modular building on a hire basis, providing a flexible and cost-effective solution to meet the school's immediate accommodation needs. The building measures approximately 8.4m x 18.24m and comprises two 60m² classrooms arranged either side of a central lobby, which provides access to WC facilities and an assisted changing room.


 **Project:** Hire of Double Classroom Building

 **Location:** Llandudno, North Wales

 **Hire Period:** 3 years minimum

 **Project Cost:** £621.50 per week (hire basis)

 **Timeline:** June 2022 – September 2022

 **Key Features:** Two full-size classrooms, assisted changing facilities, full accessibility, off-site manufacture, minimal disruption

The Main Features

Outside

- ✓ **Contemporary Appearance-**
The building features a modern yet understated external design that integrates well with the existing school estate. Durable cladding, anthracite windows and doors create a clean, professional see.
- ✓ **Low-Maintenance Materials-**
External materials, including EPDM roofing and robust wall finishes, were chosen to minimise maintenance requirements while providing long-term durability.
- ✓ **Accessible Entrances-**
Purpose-designed access ramps and level thresholds ensure safe, fully compliant access for all users, supporting inclusivity across the school site.
- ✓ **Safe Integration with Site-**
External works were carefully coordinated to maintain safe pedestrian routes and protect pupils, staff and visitors throughout installation and handover.
- ✓ **Robust, Education-Grade Specification-**
The external envelope was designed to withstand intensive daily use within a school environment. Durable cladding systems, impact-resistant doors and low-maintenance finishes provide long-term resilience, reduce ongoing maintenance requirements and ensure the building retains its appearance and performance throughout the hire period.



Inside

- ✓ **Spacious Classrooms-**
Two full-size classrooms of approximately 60m² each provide bright, flexible learning environments suitable for pupils with additional learning needs. The layouts support a range of teaching styles while allowing clear supervision and adaptable furniture arrangements.
- ✓ **Inclusive Facilities-**
A centrally located lobby provides access to an accessible WC, standard WC and a dedicated assisted changing room. These facilities support dignity, inclusivity and compliance with additional learning needs and accessibility requirements.
- ✓ **Comfort and Environment-**
Mechanical and electrical systems were designed to maintain comfortable internal conditions throughout the year. Efficient lighting, heating and ventilation support pupil wellbeing and effective learning.
- ✓ **Durable Finishes-**
Internal finishes were selected for durability, ease of cleaning and long-term performance. Materials provide a calm, robust environment capable of withstanding daily educational use.



Challenges

The project presented numerous challenges, which we addressed with determination and creativity. Some of the key obstacles included:



Live School Environment

Delivering the project within an operational additional learning needs school required rigorous safeguarding and programme control. Pupils, staff and visitors needed uninterrupted access to facilities throughout the works. Off-site manufacture was critical in reducing on-site activity, while carefully planned deliveries, installation sequencing and clear segregation ensured the school remained safe, secure and fully operational at all times.



Programme and School Calendar Constraints

The programme had to align closely with the academic calendar to avoid disruption to teaching and pupil routines. Early design coordination, parallel procurement and factory manufacture allowed site works to be tightly compressed. The building was installed in a single day, with follow-on works carefully sequenced to achieve handover ahead of the new term.



Accessibility and Inclusion Requirements

The building was required to meet stringent accessibility and additional learning needs standards, including the provision of an assisted changing room, accessible WC and compliant circulation routes. The challenge was integrating these requirements within a compact modular footprint while maintaining generous classroom space. Early design resolution ensured inclusivity was fully embedded without compromise.



Services Integration within an Existing Estate

Integrating the new modular building with existing drainage, utilities and building systems required detailed surveys and early coordination. The condition and location of existing services needed careful consideration to minimise disruption. Works were sequenced to maintain continuity of services to the school while ensuring safe, compliant and efficient connections to the new accommodation.



Logistics, Access and Crane Planning

The constrained school site required detailed logistics and crane planning to ensure safe delivery and installation. Vehicle movements, lifting operations and site access were carefully controlled to protect pupils and staff. Advance planning and clear communication enabled the building to be installed efficiently within a short window, reducing interface risks and on-site duration.



Quality, Compliance and Long-Term Performance

The project needed to meet all relevant Building Regulations, local authority requirements and education-sector standards while delivering a durable, low-maintenance solution. Factory-controlled manufacture allowed consistent quality assurance, reduced defects and improved compliance. Material selection focused on longevity and robustness, ensuring the building provides a safe, high-quality learning environment for years to come.



The Results

Successful, Safe and Sustainable Solution

The completed modular building has delivered a high-quality, purpose-designed teaching environment that fully meets the needs of pupils with additional learning requirements. The two generous classrooms provide flexible, well-lit spaces that can be easily adapted to different teaching styles and activities, while the centrally located ancillary facilities support inclusive, dignified care and day-to-day operational efficiency.

The project was delivered safely and in line with the agreed programme, with off-site manufacture and a single-day installation significantly reducing disruption to the live school environment. Careful coordination of works ensured safeguarding was maintained throughout, allowing the school to continue operating without interruption.

From a longer-term perspective, the building provides a robust, low-maintenance and cost-effective solution for the local authority. Durable materials, efficient building services and a flexible hire arrangement ensure strong whole-life value, while the modular design offers adaptability to meet future educational needs. The result is a practical, resilient and sustainable addition to the school estate that supports both immediate requirements and long-term planning objectives.