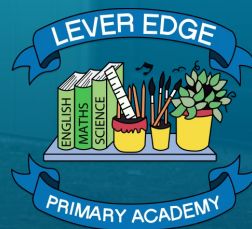




Transforming Education with
Purpose Built Spaces:
Lever Edge Primary Case Study



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Designing, manufacturing and installing purpose built educational spaces.

Consider one of our turn-key insulated, low-cost, and sustainable buildings – suitable as classrooms, sports halls, auditoriums, dining facilities, religious area, break out space, after school clubs and everything in-between. Minimal disruption to learning, with free delivery and installation within 3 weeks from initial order.



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Our Team



Nathan Winch
Managing Director

“I’m lucky enough to work with some of the most talented people, who I can only call craftsmen, that design and build our products. The level of detail really is second to none...”



Debra Hart
Commercial Director

“We work closely with our clients to produce the deliverables they need. Working within brief and budget to develop and install spaces that provide solutions...”



Chris Carter
General Manager

“I’m passionate about timber and its versatility in construction. A much more sustainable material that delivers the results of any other building method...”



Alex Spencer
Carpenter

“I take incredible pride in what I do. It’s important the products we manufacture, and install, are perfect if it bears our company name and emblem. That’s important...”

The Issue

Lever Edge Primary Academy, Lever Edge Lane, Bolton BL3 3HP

The Senior Leadership Team and Trustees, outlined the academy's need for a bespoke outdoor room. The primary requirement was to create a space dedicated to supporting children with sensory needs, offering a nice quiet zone primarily for ASD children, to create a calm and functional environment.

The Objectives

The project aimed to develop a school room that could serve as a quiet, sensory-friendly space for children requiring additional support, a flexible environment adaptable to various sensory activities and as a comfortable area for staff working with children who have specialised needs "Very much an education environment, not a room for play".

Timber Construction: Sustainable, natural wood to provide a warm and welcoming atmosphere, helping children feel at ease.

Soundproofing Features: Ensuring minimal external noise disruption, crucial for maintaining a calm sensory space. Created an Astro-turf roof, that would minimise the sound of rain and hail.

Insulated Interiors: Adequate insulation for year-round usability, ensuring the building stays warm during colder months.

Adaptable Interior Layout: Flexible design elements to accommodate various sensory equipment and activities. For example, an opaque door to minimise outside disruption. High level windows to allow for ample daylight, supporting a positive and soothing environment, with added dimmers to control lighting.

Accessibility: A design that considered ease of access for all pupils, ensuring inclusivity.



Understand the brief

Working with **Mrs. Carole Concannon**, the School Business Manager, to define brief and understand the requirements.



Design the solution



Implement and deliver



The Solution

Lever Edge Primary Academy's requirements highlighted the importance of balancing a space that would be engaging yet calming. Trad Timber Buildings addressed these needs by:

The school room needed to blend into the rest of the school and outdoor area. Choosing a green painted building means that it fits beautifully in the school conservation area.

Implementing ergonomic design to support staff comfort and effective interaction with students.

Consulting with sensory specialists to ensure that the colour palette, textures, and overall ambiance were conducive to a sensory-friendly setting.



Understand the brief



Design the solution

Our team went away with the brief to design the solution. We then presented the quote and build lead times.



Implement and deliver



Delivery & Completion

While the purpose-built room's core function won't change, its extra space opens possibilities for staff meetings and other uses outside of regular teaching times.

The completed room provides a dedicated, peaceful area where students with sensory needs can receive tailored support and engage in activities that promote well-being and learning.

This project has significantly enhanced the academy's facilities. Staff members have high hopes for improvements in the students' learning objectives and comfort, attributing this to the specialised environment which is now available.



Understand the brief



Design the solution



Implement and deliver

The client chose us to undertake the project as we had the best quote and solution for the brief.



The Product

Lever Edge Primary

Purpose-built outdoor educational sensory space



We are proud to have been part of this transformative project at Lever Edge Primary Academy, and we look forward to helping more education institutions create bespoke spaces that elevate the learning experience.



Testimonial

Mrs. Carole Concannon expressed her satisfaction with the project, noting, "The new building is absolutely stunning! We have created a lovely warm room that we have named the "Thrive Hive", which allows our pupils who need additional sensory support the best education to meet their needs. Ultimately the aim is to keep up with the curriculum but delivered in a more suitable environment.

Our children are at the centre of everything we do at Lever Edge. We don't want to demoralise or disrupt their education by not having the right resources. This facility allows us to make sure the children are happy in school.

We strive to give our children the best start to their learning before they move on to secondary school. The team at Trad Timber Buildings understood our vision and executed it flawlessly. This space has truly enriched our school's commitment to inclusivity and quality education."

The sensory school room at Lever Edge Primary Academy stands as a testament to Trad Timber Buildings' dedication to creating customised solutions that enhance educational settings. The project showcases how tailored, sustainable timber constructions can address specific needs and positively impact both students and staff.



Mrs. Carole Concannon
School Business Manager



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Get in touch for a **friendly, no obligation** chat today.



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