

# Case Study: King Edward VI Handsworth Wood Girls Academy

Self contained 6<sup>th</sup> form centre.

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King Edward VI Handsworth Wood Girls' Academy needed additional stand alone space to house their 6th form year group away from the main school building. They wanted something special to help encourage the students to stay on to year 12. This 514 square metre building containing common room and seminar rooms was completed on time and in budget in April 2021. Price £667k net at completion.

*"Overall, a very good experience working with the TG Escapes team from the initial on-site meeting to formulation of drawings to the construction of the new building and completion."*

*Hoang Nguyen Estates and Facilities Manager*



Why did you want to develop additional space?

The 6th form students were formerly based in the main school in an area which was not fit for young adults, there was no separation for the 6th formers from the main school year groups and we wanted to give them their own space away from the main school.

What made TG Escapes stand out from other providers?

The eco approach and the design of the building stood out from the rest of the providers. The initial contact with the surveyor was very personable and it was clear he was there to help us achieve our objectives.

What are the biggest benefits you have noticed for the pupils and staff?

The building has given the 6th form students and 6th form staff a sense of pride and ownership and has definitely lifted their spirits. They have seen the building being constructed and were eagerly waiting to take occupancy!



# Case Study: Hendon School Performing Arts Facilities

Twin drama and dance studios.

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Hendon School is a popular Ofsted rated 'Outstanding' establishment, with dance and drama one of its strong suits. With existing facilities aging, they needed to replace twin dance and drama studios. The project was partly funded by ESFA's Condition Improvement Fund. Barker Associates assisted the school with the application process and were appointed to develop and manage the project. With a tight budget, an economical design solution was required without compromising on quality and style. TG Escapes were selected to produce a bespoke design, reduce the onsite construction period with modular methods of construction, and minimise disruption to the operation of the school. Price £1.1m net at completion.



*"As educators, apart from the need for extra teaching space for our students we needed the professionalism, experience and expertise of TG escapes to build our Dance and Drama studios. They were very helpful.."*

Jonathan Kamy Deputy Head



# Case Study: Holy Cross Independent School

Sports Pavilion for new outdoor sports facility.

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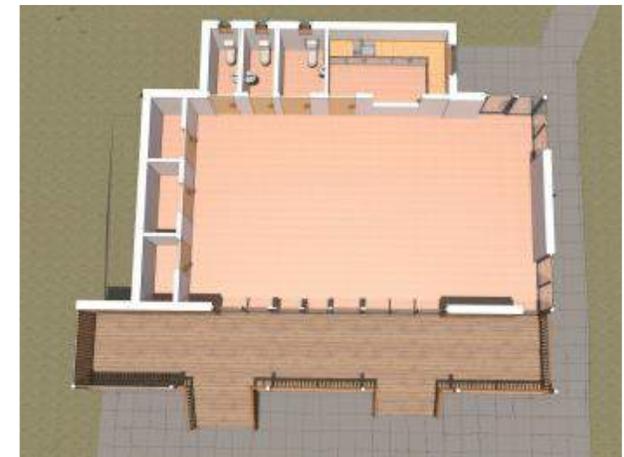
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Set in 8 picturesque acres, on the Coombe Estate near Kingston, Holy Cross is preparatory for girls aged 4 – 11 years of all denominations and faiths. The school were creating two all weather pitches on an unused field. They wanted to add a sports pavilion to the scheme and were looking for a high-quality design that would be easy and quick to construct. They were drawn to TG Escapes by the style of building and the professionalism of the onsite build team.

The complete project now makes excellent use of a previously underutilised 3 acres. Price £266 net at completion.

*“Working with TG Escapes was a very positive experience.”*  
David Lean, Bursar





# Case Study: The High School Leckampton at Balcarras School

Two storey classroom block with offices and kitchen.

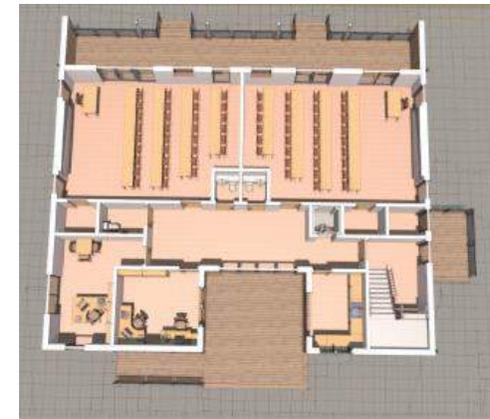
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The High School Leckampton, is a brand new co-educational comprehensive school that will serve south Cheltenham. It is being built to cater for an expansion in pupil numbers at secondary level in the area. The school has been commissioned by Gloucestershire County Council but is being “sponsored” and developed by Balcarras. TG Escapes were appointed to provide a stand-alone modular eco-building to accommodate the schools’ intake in time for September 2021. The school were impressed with TG Escapes cost, detail and understanding of the requirements. [View our 360 walk through.](#) [Take a look at the build timelapse.](#) Price £1.2m net at completion

*“ We would certainly consider using TG Escapes for any future timber framed buildings for the trust.” Jeff Arris, Network Manager.*



Network Manager Jeff Arris and Assistant Head Ian Davidson discuss the project.

How did you find the process?

Ian I thought it was quite brilliant. I have never seen a building go up so quickly. Throughout the build the project manager was very approachable and easy to deal with. Any problems were immediately solved, avoiding any interruptions to the day to day running of the existing school site. All potentially disruptive operations such as crane and material deliveries were organised to fit the school timetable.

Jeff Regular meetings between the school management team and the project manager were handled thoroughly and efficiently and the building was completed weeks ahead of schedule in May.

What do you think about the building's quality now it is in use?

Jeff It is good and functionally it is working well, particularly pupil flow. We are expecting the outside decking areas to be a very useful space.

Ian Whilst there have been a few snagging issues these are being well dealt with promptly. The finished look of the building is really good and reminds me of a "Grand Designs" project. The parents love it and the feedback from staff and students is also very positive. It feels both spacious and luxurious.

How important are the eco credentials?

Ian Very important. Zero carbon and environmental issues have become a big consideration across the education sector.

Jeff The speed of construction versus a traditional build process was also of high importance. I was impressed by the lack of waste, helped by the donation of spare materials to the existing school.



# Case Study: Samuel Ryder Academy Net Zero Building Multi Classroom Block.

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Samuel Ryder was a very small secondary school with about 250 students. The Local Authority decided to extend the school's provision to cover primary and secondary pupils. Since then the school, with an outstanding leadership Ofsted rating, has grown in popularity and demand for places has outstripped capacity. The building was completed at the end of August 2020 ready for use in time for the students' return to school. The block consists of 7 English classrooms, the English team office, an SLT office, year 7 and 8 toilets, a media suite and 2 year 6 classrooms. Whilst price was the key criteria during the selection process, the sustainable nature of the building materials used was a benefit. Price £1.6m net at completion.

*"Offsite fabrication resulted in a very rapid onsite construction. I was impressed by the speed of delivery, which occurred on schedule, and the site manager who had excellent communication skills and was extremely accommodating of requests to tweak the original design..."*

*Ian Cushion, Scholars' Education Trust Estates Manager*



[Barker Associates](#) consultancy sent out invitations to tender to six contractors, from which a shortlist of three was drawn up. The key criteria were price and quality, but it was also very important that the company selected had proven experience of working with schools, and that the individuals with whom the school had contact were of the right calibre. On all bases, TG Escapes came top. The [energy performance certificate](#) for this building is A+ rated at minus 24 making the building carbon neutral, or net-zero, in operation.

Mechanical & Electrical systems are key to producing comfortable building environments as well as achieving energy efficiency and our M&E consultant [Designphase Ltd](#) used a combination of 4 systems to achieve this.

- Air source heat pumps to heat the hot water and most of the space heating.
- A hybrid active ventilation system to efficiently supply fresh air and extract stale air.
- LED lighting & lighting controls with daylight dimming to keep consumption to a minimum.
- A solar photovoltaic system was installed across the roof.

The air source heat pumps specified produce between 3-4 kilowatts of heat for every kilowatt of electricity used.

The ventilation system tempers the incoming air with the hot air being extracted using low wattage fans to distribute the air and provide a comfortable environment.

The LED lighting is inherently efficient and the addition of controls like daylight dimming, means that when the spaces are flooded with natural daylight the lights will respond automatically.

Finally, a large 72kW solar photovoltaic array was installed across the roof to help offset the energy used in the building.

The combination of these systems resulted in a building that is both comfortable to use and provides a high level of energy efficiency that will benefit the end-users at Samuel Ryder and the environment we pass onto the next generation.

Our partners in achieving this are [Metropolis Architects](#), [Solar for Schools](#), [Passivent](#), [Westcott Air Conditioning](#) and [Dextra](#).

*“Energy efficiency was considered very important given the passion of many pupils for environmental issues. Rightly so – it’s this world that they are going to inherit. The students and staff find their time in the building wonderful. The primary occupant was the English department who feel very spoilt and lucky to have the experience of teaching and learning in their new classrooms. It was a very good experience from start to finish with TG Escapes, I would recommend them to others.”* Ian Bailey, Deputy Headteacher

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# Case Study: St Bernard's Grammar School

Eco canteen to upgrade the café facility.

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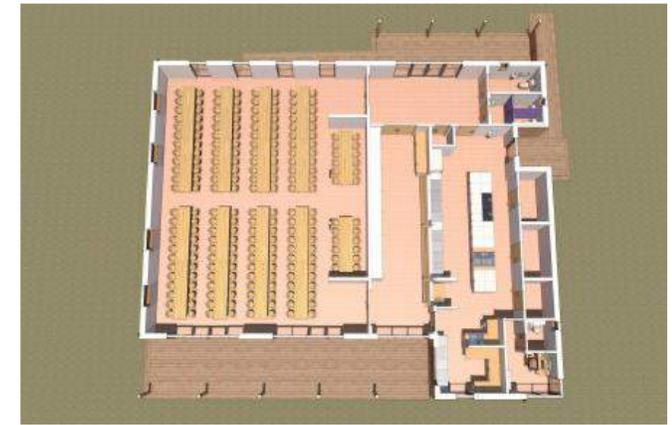


St Bernard's needed to upgrade their canteen facility to accommodate more students. Having looked at various options, the style of our buildings was an important factor as it was going to be a prominent feature of the school. Also appealing was the modular build causing less disruption on site whilst the school was still running.

The facility is not only an improvement to the previous canteen, the space can also be used outside service times. Price £625k net at completion.

*"The project started on time and was completed on the date agreed with very little snagging involved which is a testament to the service offered. The teams working on site were very professional and approachable. I would strongly recommend this product."*

Matt Devereux, Facilities Manager





# Case Study: Winnersh Triangle Business Park Sports Hub Leisure and Well Being Sports Pavilion.

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Winnersh Triangle Business Park is a thriving business community with wellbeing at its heart. Acquired by Frasers Property in 2019 it provides agile workspaces for a diverse workforce and features stunning outdoor and green spaces. Frasers wanted to enhance the leisure facilities, so TG Escapes provided a new sports hub working with S&C Slatters who designed the outdoor space including allotments, a living wall and a new Gen 2 sports pitch.

The Pavilion building offers changing rooms, a treatment room, kitchen and a yoga/pilates studio. Jake Walton, Design Manager at Frasers knew they wanted a timber frame naturally clad building. He considered a number of suppliers but after visiting a joint project between TG Escapes and S&C Slatters at Holy Cross School he selected our solution. The building features larch cladding and a living roof. Price £540k net at completion.

*"I found TG Escapes to have a very proactive procurement and development team, that were happy to work collaboratively with us to deliver the best quality product achievable."*  
Jake Walton, Design Manager.





# Case Study: Colston's Independent School Early Years Provision

Multi classroom early years block.

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Colston's Lower School existing space had come to the end of its life and they saw an opportunity to house all of the early years in one building.

The school team were attracted by a bespoke space that addressed all their needs. In particular they liked the speed of construction and the fact that they could be completely involved in the design stage.

The new building with outdoor play area provides a self-contained zone for the early years children to enjoy.

Price £725k net at completion

*"Excellent, would recommend them to any school.."*

David Edwards, Headmaster



