

Christopher Whitehead Language College



Project name:

Performing Arts multi-functional building with iconic bell tower

Location:

Worcester

Value:

£7M new build

Services:

Masterplanning
Architecture
Landscape Architecture
Building Services
Structural & Civil Engineering

The Brief

Christopher Whitehead Language College and Sixth Form (CWLC) is an academy of 1,200 students serving the community on the west side of Worcester City. With a recent significant increase in pupil intake numbers, the school needed to expand.

One Creative Environments Ltd. (One) was appointed to develop a scheme that addressed this requirement, plus provide a new and much needed multi-functional Performing Arts facility, that aided the process of achieving both public and private funding.



Project Overview

The Performing Arts building, which received full planning consent in February and RIBA stage 4 completion in Autumn 2018, will provide a state of the art multi-functional educational facility which will combine music, drama, dance and vocational studies. It will also help students to learn about marketing promotion and business with a radio station, booking office, hair salon and small kitchen and servery. The main building is a simple but sophisticated looking structure with a secondary cladding system that aids acoustic and insulation building properties.

The outstanding feature is the privately funded Bell Tower which means that CWLC will be the first U.K. state school to have such facilities on site and provides a focal point leading people to the centre of the school from two main roads. The form of the building was inspired by the movement of dance and how a dancer can be held effortlessly in the air. The weight of the bells are disguised in an elegant bell tower structure that people walk underneath which is now affectionately known as “the ballerina tower.”

The addition of the bell tower as an iconic entrance will enable the teaching of bell-ringing which has wide ranging educational benefits in the teaching of art, science and mathematics. Bell-ringing sheet music is based on mathematical formulas and requires mental agility for synchronisation and the combination of the bells. It will also promote healthy lifestyles as it helps to improve students’ physical agility, co-ordination, reaction time and balance, improves muscle endurance and cardiovascular fitness as well as helps to keep this 500 year old art form alive.

Working with an acoustic consultant ensured sound could be controlled in this residential area so that students only hear the bells’ chime through a computer and headphones.

Stunning views across Worcester will be provided from the tower’s viewing platform, which includes the historic Cathedral, with local overlooking avoided by the careful positioning of opaque screening glass.

Flexibility, cost efficiency, sustainability and low maintenance were fully considered with build possible over three phases. One swiftly produced a detailed planning and tender package to meet funding requirements and to obtain robust costs. Planning consent was granted in February 2018 and a ‘sponsorship’ package and promotional document are being developed, along with a tender pack to RIBA Stage 4, with £750k of private funding already secured before the formal funding process has begun.

“ *This is a great cultural and educational opportunity to become the first state school in the U.K. to have a non-intrusive, sound proofed, beautiful bell tower which forms the entrance to a state-of-the-art performing arts facility. I would like to thank our designers, One Creative Environments Ltd, for such an iconic building that will add significantly to the curriculum whilst promoting healthy lifestyles through bell-ringing, dance and other performances.* ”

Neil Morris, Headteacher, Christopher Whitehead Language College

The Benefits

- **Designed to achieve a high standard in sustainability and functionality**
- The building adds to the school curriculum whilst achieving best value. An inspiring and creative space to learn and perform, the rooms are changeable for multiple purposes and the building design offers adaptability in order to accommodate any future changes. A secondary purpose for the space to generate income for the school also increased its inclusivity to the local community.
- **The addition of a privately funded Bell Tower gives a very distinctive edge and National profile** to the project and the glorified title of the first state school in the UK to have a bell tower. The tower will enable the traditional art of ‘change ringing’ to be taught into the future and provide a close connection, physically and visually, with the historical Worcester Cathedral. The skyline is also enhanced by such a characteristic structure.



For further information
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