

LANCASTER UNIVERSITY SCHOOL OF MATHEMATICS

A specialist school for 16 to 19 year-old students with an exceptional aptitude and passion for mathematics

Pre-Construction Case Study



CGI of the completed school

KEY INFORMATION:

CLIENT: **The Rigby Education Trust**
LOCATION:
Preston, Lancashire
CONSTRUCTION VALUE: **£7.9m**
CONTRACTOR: **Galliford Try**
START - FINISH DATE:
October 2021 to November 2022
SECTOR: **Education**
FORM OF CONTRACT:
JCT Design & Build 2016
DELIVERY TYPE: **Two-Stage D&B**

"It is fantastic to see the Lancaster University School of Mathematics project continue to develop with the granting of planning permission from the council...The school will become a tremendous asset for the area, as well as the wider region. The world-class education the school will provide will enable our best young mathematically gifted people to fulfil their potential and giving them a flying start as they head to university and begin their careers."

PROFESSOR SIMON GUY |
PRO-VICE CHANCELLOR |
LANCASTER UNIVERSITY

PROJECT OVERVIEW

The Lancaster University School of Mathematics (LUSoM) will be a specialist school for 16 to 19 year-old students with an exceptional aptitude and passion for mathematics. Sponsored by Lancaster University and partnered by Cardinal Newman College, the School will be operated by the Rigby Education Trust.

A COLLABORATIVE PRE-CONSTRUCTION APPROACH

Galliford Try has extensive experience of successfully delivering education facilities from feasibility through design development and planning, whilst maintaining adherence to a strict budget. Prior to planning approval, we facilitated a series of Client Engagement Meetings (CEMs) where we collaboratively engaged with all parties, with design, cost, programme and risk being discussed in a true open-book manner. We included representatives from the Rigby Education Trust, Cardinal Newman College, as well as our own core team in this process. Our established process used the BIM model, physical models and drawings to communicate the design.

MANAGING THE PLANNING PROCESS

Applying our tried and tested pre-construction management approach, we engaged with Preston Council's planning department early to ensure that their views were understood before the design progressed. Confirmation that the agreed design was affordable was proven prior to the successful planning submission. Full funding was confirmed, and work began in late 2021 to prepare the site.



AN ICONIC LANDMARK IN PRESTON'S CITY CENTRE

The School's Preston location has excellent transport links and will be in a prime position to serve students across the North West. The site is close to the main campus of Cardinal Newman College, which enables some sharing of specialist and support services.

The exterior materials of the LUSoM building will be a mixture of grey and red brickwork, glass and a distinctive bronze metal cladding. This unique look will make the building iconic within the area and a landmark for people travelling into Preston city centre. The school will be a total of four-storeys high, with the fourth storey recessed away from the main road, creating a rooftop terraced area for students to relax and study looking out onto the Preston cityscape.

The interior of the school will be light and welcoming, with a three-storey atrium providing open learning for the students and a welcoming environment for all visitors. A specially-designed, retractable 400-seat auditorium has been included within the building to host lecture-style sessions in addition to other events and masterclasses.