

Schools, Colleges & Universities

This is a list of some projects in the education sector for which Spectrum has provided acoustic consultant or noise consultancy services.

Client	Project	Description of Services
Alsop School, Walton	Music Art and Drama building	Ambient Noise Survey Report. Intrusive noise level design. Internal partition sound insulation design. Mechanical system noise design. Internal noise quality for Muir Associates UK
Bedford College	New Arts Building	Background noise surveys. Layout evaluation for conflicting building uses eg. recording studios; tv studios; theatre; studio workshops etc. Detailed acoustic specification and design. Commissioning testing on project completion. For Mott MacDonald
Bedford School, Bedford	Kitchen, dining and related facilities	Noise survey, leading to advice relating to noise limits and noise control from new kitchen plant. Architectural acoustic advice, particularly relating to the improvement of the internal acoustic environment in the large, hard surfaced dining hall
Berkeley Primary School	New infant and primary teaching building, Hounslow	Acoustic consultancy services including survey, architectural design advice, and acoustic commissioning, to demonstrate compliance with BREEAM Education Standards. For Archial
Bishop Stopford's School	New Sports hall	Acoustical control in proposed new sports hall for PRP Architects
Brampton Manor School	New sports hall	School sports hall. Demonstration of compliance with requirements of Approved Document E of the Building Regulations
Bromham School, Bedfordshire	Investigation of noise complaint	Assessment of classroom acoustics for M J Hillson
Bury Grammar School	Assembly hall	Acoustic testing and recommendations
Coleg Llandrillo Cymru	Glynllifon Campus, (North Wales), new teaching facilities for college	Acoustic consultancy services including survey, architectural design advice, and acoustic commissioning, to demonstrate compliance with BREEAM Education Standards. For Capita Symonds
Coleg Llandrillo, Rhyl, Wales	New build 6 th form centre	Acoustic consultancy services including survey, architectural design advice, and acoustic commissioning, to demonstrate compliance with BREEAM Education Standards. For Capita Symonds
Elstow Lower School Bedfordshire	Classroom acoustics	Criteria specifications. Internal partition sound insulation design. Intrusive noise level assessment. For M J Hillson
Essex County Council	Building Schools for the Future, Wave 5	Acoustic strategy studies for 6 proposed new schools. For Mace
Essex County Council	Philip Morant School and College	Stage D Acoustic Report for a proposed temporary building at the school, which includes specialisms for teaching hearing impaired children

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Fred Longworth School, Wigan	New Art Block	Acoustic design of school extension in accordance with Building Bulletin 93 for Wigan MBC
Golborne High School	Multi-purpose sports pitch	Environmental impact assessment to support planning application for multi-purpose sports pitch
Haberdashers Aske's Crayford Academy	New Senior Academy	Ambient and background noise surveys. Detailed acoustic specification and design. Commissioning testing on project completion
Harlow FE College	New performing arts centre and general teaching centre	Ambient and background noise surveys. Detailed acoustic specification and design. Commissioning testing on project completion. For Kier Eastern
Hawkley Hall High School, Wigan	Refurbishment of various buildings	Acoustic design study of classrooms and associated areas planned for refurbishment
Hawkley Hall High School, Wigan	Classroom refurbishment	Acoustic design study
Hitchmead Special School, Biggleswade	School extension	Acoustic design of school extension in accordance with Building Bulletin 93 for Levitt Partnership
ICMCB, Manchester University, Manchester	Infineum New Technology Centre	Background noise survey and determination of environmental noise limits for mechanical services equipment for White Young Green
Interserve	Owler Brook School, Sheffield	Stage D Acoustic Report for a proposed extension at the school, to satisfy BB93 standards
Interserve	Fir Vale School, Sheffield	Stage D Acoustic Report for a proposed extension at the school, to satisfy BB93 standards
Kings College London	New main library (The Maughan Library) Chancery Lane, London	Acoustic noise and vibration consulting services. Background and commissioning noise surveys
Knowle C of E Primary School	New pre-school building, Solihull	BREEAM assessment, for Baily Garner
Lady Barn House School	Primary School, Cheadle	Music room acoustic design
Lambeth City Academy	New classrooms	Acoustic specifications. Internal partition selection. M & E noise specification and design. Background noise study. For Cundall Johnston & Partners
Leeds Metropolitan University	Refurbishment of university 'B' building	Vibration assessment for proposed server systems room, 3 rd floor of building 'B' city Campus for IBSEC Ltd
Leeds Metropolitan University	IES Music Labs	Acoustic specification for Music Technology suite. Bid reviews. Design audit. For Operon
Manchester University	ICMCB (Molecular Cell Biology Centre)	Mechanical services noise evaluation
Monorah Foundation School	Monorah Foundation School, Edgware	Report on the acoustic environment of the main hall
Newcastle University	Anechoic room	Acoustic testing and calibration
Silwood Nursery School	Acoustic advice	Advice on applicability of BB93 and acoustic advice for Higgins Construction plc

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Solihull Council	Solihull library	Acoustic advice relating to a refurbishment of the library, including acoustic privacy advice relating to partition refurbishment
St Christopher's School, Accrington (Capita Symonds)	New build 6 th form Centre	Full acoustic consultancy services including survey, architectural design advice, and acoustic commissioning, to demonstrate compliance with BB93
St Edmund Arrowsmith RC High School	Multi-purpose sports pitch	Environmental impact assessment to support planning application for multi-purpose sports pitch
St Helens College School	Dept of Art, Media & Design	Occupational noise assessment in accordance with the requirements of the 1989 Noise at Work Regulations
Stevington High School, Wigan	Classroom extension and internal alterations	Classroom and internal extension. Compliance with requirements of Approved Document E of the Building Regulations
University of Cambridge	Department of Linguistics, phonetics laboratory	Acoustic study into low frequency noise intrusion into an audiology booth
University of Reading	Atrium project	Acoustic study of new atrium. For Kier Moss
Walthamstow City Academy	New Academy	External noise intrusion study
Woodfield Primary School, Wigan	New school buildings	Compliance with requirements of Approved Document E of the Building Regulations. For NPW North West
Woodfold Primary School	New sports hall	School sports hall. Demonstration of compliance with requirements of Approved Document E of the Building Regulations
Wootton Upper School, Bedfordshire	Dance and Music Studio.	Sound Insulation for Dance and Music Studio and compliance testing for NTN Partnership