



building better futures

CAPITA SYMONDS

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building better futures

Capita Symonds is the only UK consultancy that can combine expert strategic advice from experienced educationalists with cutting-edge architecture, engineering, sport / leisure consultancy, and project management expertise to transform any education project or programme.

We are fully committed to improving outcomes for all and fully understand and embrace the educational requirements and wider aspirations of Government, local authorities, schools and the local communities in which we work. Most importantly, we believe that through working in partnership with all stakeholders we can help realise a vision for the future that will not only transform learning opportunities, but will also make real and lasting changes for the wider community as a whole.

Our educationalists and designers have even developed a range of engagement tools to ensure meaningful dialogue with children and young people, school professionals and local

authority teams at a project's concept stage. This highly collaborative approach helps deliver world-class learning environments that will not only operate effectively from day one, but also in 10, 15 and 25 years' time.

Capita Symonds has a highly successful track record of partnership working with the Department for Children, Schools & Families (DCSF), Partnerships for Schools (Pfs), and local authorities in Waves 1-6A of the Building Schools for the Future (BSF) programme. We are also the leading consultants in the Academies programme, having successfully delivered numerous projects across the UK.

In addition to this we are able to bring a host of other specialists to a project - from acoustic engineers who ensure that BB93 acoustic requirements for schools are met, to ICT and security consultants that integrate technology solutions and advise on safety and crime reduction issues throughout the

design process. Our infrastructure teams also work with schools and local authorities throughout the UK to implement School Travel Plans that reduce unnecessary car journeys and improve safety along routes to and from school.

Be it ground-breaking and award-winning eco-schools such as the Academy of St Francis of Assisi in Liverpool and Howe Dell in Hertfordshire; major BSF programmes in Nottingham and Lancashire; or Academies that provide a focal point for their local communities, Capita Symonds is undoubtedly the leading innovator in the UK education sector.



Main picture and above
Shuttleworth College, Padiham
Below
Burnley Campus



Photo © Greg Harding Photography (07900 601938)



building schools for the future

case study	Lancashire BSF
client	Lancashire County Council
location	Lancashire
completed	2009
value	£300m

Lancashire's £300m BSF programme - the first major wave of schools to be built in the UK under BSF - covers a total of 18 education and community projects, including 13 new schools catering for almost 10,000 students across ten sites.

Capita Symonds is providing a range of educational, partnering, architectural and engineering services on a number of the projects. We are also providing a number of other specialist services on the programme including landscape design, acoustics, fire and DDA consultancy.

The first ten of these projects, including two secondary schools and a sixth form college, are now operational at three sites:

Nelson: The £29m Pendle Vale College and Pendle Vale High School site in Nelson brings together two schools under one roof with the aim of achieving greater integration between the two. The sloping site has been used to create a new local landmark with a building that rises in tiers to four storeys and is capped by a sweeping roofline. Sports pitches and indoor sports resources are all built to Sports England standards to support the school's aims to achieve specialist sports college status.

Burnley: The £31m Burnley Campus is the biggest of the three sites and contains schools for both sixth form and primary students; a 50-place nursery and children's centre; a library and faith centre; all-weather sports pitches; fitness centre; climbing wall; sports hall; and hydrotherapy pool.

Padiham: The £20m Shuttleworth College in Padiham features an entrance area dominated by a dramatic floor-to-ceiling atrium that echoes the designs of modern office buildings. Facilities include a dance studio, sports hall, fitness room, tennis courts, all weather sports pitches, a café and faith centre.

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Main picture
Big Wood School
Below
Hadden Park High School
Far right
Big Wood School





building schools for the future

case study	Nottingham BSF
client	Nottingham City Council
location	Nottingham
completed	2012
value	£208m

Capita Symonds is part of the *'Inspired Spaces'* consortium that is playing an integral role in Nottingham City Council's BSF programme.

Eight schools are being delivered in the current wave of the programme, primarily through new build but with some refurbishment and remodelling. Capita Symonds is providing strategic partnering, educational, architectural and building design services on the programme.

As the strategic education partner we provided high level strategic education advice throughout the bidding period as well as leading the school engagement process with three sample schools. Our educationalists also worked as key members of the bid team to provide strategic advice in relation to both the Local Authority education vision and individual school visions, leading all school engagement sessions and attending clarification meetings with the Council.

We have continued to work closely with the Council to consider how we can support the schools in preparation for the new learning environments and we are also working in partnership to develop the Strategy for Change for the next phase of investment, as well as for the individual schools.

In terms of specific projects, Capita Symonds has designed the replacement new buildings for Big Wood Secondary School in the north of the city, plus the remodelling and refurbishment of Hadden Park High secondary school, alongside a new Special Educational Needs Centre of Excellence on the same site. The team has been appointed to design the £13m rebuild of the Southwark Primary School, part of a national scheme to deliver exemplar primary school projects.

Our security consultancy team has advised on all Nottingham schemes to date, with Southwark Primary School set to become the city's first 'Secured by Design' school, following close working with the project design team and Police Architectural Liaison Officer.

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academies

case study	Academy of St. Francis of Assisi
client	RC Archdiocese / C of E Diocese of Liverpool
location	Kensington, Liverpool
completed	2006
value	£15m

In the summer of 2007 the Department of Education and Skills confirmed that The Academy of St. Francis of Assisi in Liverpool would act as a template for a government plan to build 200 carbon neutral 'eco schools' over the next three years.

Designed by Capita Symonds, it is the UK's first Academy for 11-to-16 year olds to specialise in the environment and is located on a former brownfield site in one of the city's most deprived areas.

The academy features a range of sustainable features including a main four storey solar atrium which provides up to 3% of the school's electricity and solar heating for the water; wildflower rooftops that enables both insulation and biodiversity; and a rainwater harvesting system enables the flushing of toilets with grey water.

Consultation has also been core to the design of the building and external environment with extensive consultation between the design team, the school staff, pupils, parents, governors, the diocese, community and local authority. As a result the design of St. Francis of Assisi is as thoughtful and aspirational as its curriculum.

Most importantly, the effect on educational achievement has been dramatic. Its predecessor, Our Lady's Catholic High, was placed in special measures just over a decade ago after only 2% of pupils managed to pass their GCSEs. Within a short space of time the new Academy had topped the Government league tables as the secondary school that had done the most to improve its pupils' education, as well as being the only Academy in the top ten of English secondary schools to 'add the most value'.



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Photo © Timothy Soar (020 8986 7714)



Photo © Timothy Soar (020 8986 7714)

academies

case study	Westminster City Academy
client	DCSF
location	Westbourne Green, West London
completed	2007
value	£23m

Capita Symonds provided Construction Project Management services on the development of the £23m Westminster City Academy in Westbourne Green, West London

The Stirling-prize nominated Academy is located directly opposite the famous Westway - an elevated section of the A40 near Paddington - and features research studios, anti-bullying toilets and even walls covered in inspirational slogans.

A flagship of the government's academies scheme, the 1175 pupil school specialises in "international business and enterprise" as it looks to nurture the fledgling entrepreneurs and city traders of the future. The site is also shared with a Sports Centre, part-funded by The City of Westminster, which is used by the local community outside of Academy opening hours.

Designed as a three-storey building with classrooms arranged around a central atrium, the Academy includes a large lecture theatre and underground car parking for staff to make best use of the tight inner-city site. The dining area is situated both internally and externally on a third floor roof terrace incorporating views across West London.

We also provided full Facilities Management consultancy during the implementation phase of the project, focusing on those areas of the design that would impact most heavily on future maintenance delivery for the Academy.

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primary schools

case study	Howe Dell School
client	Hertfordshire County Council
location	Hatfield
completed	2007
value	£8m

When it opened in 2007 Howe Dell School was immediately heralded as one of the most sustainable schools in the world.

Commissioned by Hertfordshire County Council and designed by a Capita Symonds-led consultant team, the multi-million pound school is an exemplar project for the design of sustainable educational facilities across the globe.

Falling within the government's 'eco schools' strategy, Howe Dell features low energy use buildings and a host of renewable energy technologies - including a wind turbine capable of exporting surplus electricity production to the National Grid. Over the life of the project, the school has integrated sustainable principles into an 'eco curriculum' which has already been rated as outstanding by Ofsted inspectors.

The school - Hertfordshire's first 'eco-school' - is also the first building in the world to feature a revolutionary new heating system that uses the school playground to heat and cool its buildings. The new system works by capturing heat energy from the sun via a collection pipe network just beneath the surface of the school playground.

The school - which was designed with input from staff, pupils, parents and governors - has also been awarded ECO Green Flag accreditation (the highest level of award granted by the UK's eco-schools programme) and was selected as one of eight projects in the pilot scheme for the BREEAM for Schools initiative. The preliminary appraisal by the pilot assessment panel showed that its innovative design achieves a level equivalent to the highest BREEAM rating, making it one of the highest achieving pilot schemes.

All photos ©:
Peter Durant (020 8940 7795)

Main picture and right
Truro College
Below
Truro College, Penwith Campus





colleges

case study	Truro College
client	Truro College Corporation
location	Cornwall
completed	£70m
value	2010

Capita Symonds has been providing Truro College with project and cost management, CDM Co-ordinator, Clerk of Works and full design services since 1989 on a range of capital projects both at their main campus in Truro, and more recently at their associated campus at Penwith, Penzance.

The Truro Campus is situated on a greenfield site and accommodates 5,000 full-time students and provides a range of vocational and A Level courses. The redevelopment of the campus has been undertaken over 10 separate phases, with the latest phase, a new Cricket Academy, due to be complete in March 2009. Other capital projects have provided state-of-the-art accommodation for the College including laboratories, a library, IT resource centre, a sports hall, drama studios and photographic studios as well as general teaching and administration space.

Capita Symonds is currently working for Truro College on the redevelopment of their Penwith Campus in Penzance. The £30m scheme is currently on site and is due for completion in December 2010. The project will provide a range of specialist and general teaching facilities and will include five new buildings and the refurbishment of three existing buildings, including a Grade 2* listed Manor.

The project has high environmental credentials and is set to achieve an Excellent BREEAM rating. Sustainable measures include rainwater harvesting, ground source heat pumps, a 100Kw wind turbine, photovoltaic cells and enhance insulation qualities.

On all projects Capita Symonds has worked closely with the College and the Learning Skills Council to ensure that strict cost parameters set by the funding body are met. All projects to date have been completed on time and budget.

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Right:
Main entrance
Far right top:
Open plan space
Far right bottom:
Entrance space
Below:
Theatre
Above left:
Building details & studio spaces





All photo © Timothy Soar (020 8986 7714)

colleges

case study	Barnet College, Tally Ho
client	London Borough of Barnet / Wilcon Homes
location	North Finchley, London
completed	2005
value	£20m

Capita Symonds was commissioned by joint clients, the London Borough of Barnet and Wilcon Homes to design facilities for Barnet College which forms part of a multi-million pound mixed use, urban regeneration development on a tightly constrained island site at Tally Ho Corner, North Finchley.

Tally Ho, the landmark scheme, includes a multi-use community arts centre, retail and office units, a 14-storey apartment building, a health & fitness club with swimming pool, basement car parking and a bus interchange facility, all fully integrated into one cohesive building.

Accommodation for the Artsdepot / Barnet College includes: multipurpose 400-seat theatre and 150-seat studio theatre, together with full changing and back of house facilities, an art gallery, bars and a café.

Barnet College offers a range of courses within the centre, reflecting the diverse nature of the local community; students have access to the Studio Theatre, technical spaces and 'back of house' for stage and management teaching; other teaching spaces include a dance studio and rehearsal spaces, breakout spaces and practice rooms. The project also includes a specialist 'Community Focus' disabled arts teaching facility with workshops, multimedia facilities and photography studio and darkroom.

Realisation of the project involved a wide consultation, through a mixture of presentations and workshops, with a range of interest and user groups, including College Management, staff, Councillors, community user groups and a disabled forum.

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universities

case study	Combined Universities Cornwall (CUC)
client	Tremough Development Vehicle JV
location	Cornwall
completed	2005
value	£45m

CUC Tremough is Cornwall’s landmark Objective 1 funded project. It is the central development of a series of satellite higher education projects, and provides an entirely new campus on a mixed brownfield and greenfield site near to the town of Penryn. Capita Symonds took the project through to planning, including RIBA Stage D.

The scheme comprises 16,000sqm of new build and 5,000sqm of refurbishment and adaptive re-use of existing buildings. The accommodation combines academic space, art studios, a new learning resource centre and a range of student amenities. The campus is shared by students of Falmouth College of Arts and Exeter University, brought together under the banner of Combined Universities in Cornwall.

The campus is designed around a series of interlinked courtyards. The rooftops of the surrounding buildings are all landscaped and fully accessible. The rooftop merges into the hillside at the top of the site, and projects out horizontally, forming a spectacular platform at the western end with views out to the sea. The floor levels increase from single to four storey, at the highest, as the hill drops away below.

We were also engaged by the University to develop feasibility, design intent and Employers’ Requirements for student residencies on the Tremough site, including accommodation for 500 students.

Our proposal for this steeply sloping site comprised two fragmented curved terraces, accessed off a central pedestrian spine. Capita Symonds also provided structural engineering services for the design of foundations, retaining walls, entry bridges, surface and foul water drainage, site roads and car parking together with an extension to the existing entrance building.







Main image:
 External view of the Medical Faculty, University of Hong Kong by night
 Far right top:
 Lecture theatre, Medical Faculty, University of Hong Kong
 Far right bottom:
 Aerial view, University of Science & Technology
 Above:
 Main entrance, University of Science & Technology
 Internal courtyard, University of Science & Technology

universities

case study	Medical Faculty / University of Science & Technology
client	University of Hong Kong / University of Science & Technology
location	Hong Kong
completed	1996-2001
value	£50m / £147m

The new Medical Faculty & Research Centre for the University of Hong Kong features a Pre-clinical School, Nursing Training and Clinical Research Centre including experimental surgery. Also included is a Centre for Traditional Chinese Medicine, a comprehensive Medical Library and a Lecture Theatre complex that doubles as an international conference centre, acting as a central venue for a number of regional medical schools.

The curved form of the building offers stunning views over the approaches to Hong Kong harbour and encloses a landscaped courtyard garden. The plan area reduces progressively on the upper floors, creating a stepped profile that allows sunlight into the courtyard. The buildings are designed to minimise the vertical transportation of large numbers of students, while maintaining the smallest possible footprint in accordance with the Hong Kong planning requirements.

Dedicated to the Sciences, Engineering, Business Technology and Management the first phase of the University of Science & Technology opened in October 1991.

The design of the campus embodies flexibility, growth and optimum use of shared facilities, which are intended to ever-changing needs of teaching and research in the fast moving world of the future.

The complex was developed in three phases, covering four sites on 57.8 ha with a gross floor area totalling over 175,000sqm, and a student capacity of 7,000. The main challenges which faced us on this project were the 123-metre drop, the requirement to use existing infrastructure, and the need to construct a fully-populated institution in three phases.

The British University & Polytechnic Grants Commission, which covered all university designs throughout the Commonwealth at that time, governed both the facilities to be included and the size of the campus.

Main picture and below
Newfield Special Needs School, Blackburn
Bottom
Capita Regional Business Centre, Blackburn
Far right
Children's Centres, Blackburn





strategic partnerships

case study	Blackburn with Darwen
client	Blackburn with Darwen Borough Council
location	Lancashire
completed	Ongoing
value	n/a

Capita Symonds is the market leader in partnering local authorities in long term strategic partnerships across the UK. We currently have partnerships at Blackburn, Cambridgeshire, Cumbria, Glamorgan, Gwent, Salford, Southampton and Swindon.

These partnerships enable our property professionals to contribute directly to the local authority's estate, asset management and education strategies.

Through our relationship with Blackburn with Darwen Borough Council, for example, Capita Symonds has designed 13 Children's Centres for the Council which won the Guardian's "Public Services Awards for Children 2004" and for the overall "Team Award 2004" for Early Years Excellence. Our more recent projects with the Council include Newfield Special Needs School, Primary Capital Programme and a new Leisure Centre in Darwen.

We were also appointed by the Council as Technical Advisor to assist in their bid for Wave 4 BSF funding during 2007/08. The Blackburn BSF programme will inject £150m of fresh capital into the secondary schools estate to provide eight new Centres for Learning, as well as extended community provision around the Borough.

Capita Symonds began the commission by undertaking a review of all existing asset information, establishing a gap analysis to target future efforts while ensuring that no information was needlessly replicated. This desktop exercise provided the base information for an appraisal of the existing secondary school estate in terms of suitability, condition, sufficiency and other key parameters that resulted in a macro estate review for Strategy for Change in accordance with agreed weightings.

To support the education transformation agenda the TA team appraised an additional five potential sites to establish their suitability for school building. Utilising our multidisciplinary resources we also performed a preliminary site assessment to inform the Project Board on deliverability, affordability and risk.

We have successfully taken the Council to Outline Business Case stage and are currently providing technical support throughout the dialogue process.

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our services

Whether providing a full multidisciplinary range of services, or individual specialist services, we remain focused on exemplary performance and the end result of shared success.

Our services include:

design

- acoustics
- architecture & interior design
- building services engineering
- civil & structural engineering
- disability access consultancy
- furniture, fittings & equipment
- ICT consultancy
- land planning
- landscape & urban design
- security
- town planning & masterplanning

management

- CDM coordinator services
- cost management
- education consultancy
- financial due diligence
- partnering
- PFI / PPP consultancy
- project management
- property asset management
- sport, leisure & culture consultancy
- technical advisor services

infrastructure & environment

- BREEAM assessments
- contaminated land & brownfield regeneration
- development planning & infrastructure
- ecology
- environmental impact assessment
- fire engineering
- flood risk & water management
- geotechnical engineering
- GIS
- highway design & maintenance
- resource & waste management
- road safety education and training
- sustainability
- transport planning

our frameworks

Capita Symonds is currently appointed on the following frameworks:



Capita Symonds provides Overall Project Management (OPM) and Construction Project Management (CPM) services under the **DCSF Academies Framework**. As OPM we are currently delivering new schools in Hammersmith & Fulham and Stratford and have successfully delivered an all-age Academy in Lewisham. We have also provided CPM services for the delivery of 15 Academies throughout the UK.

We are also appointed as one of four consultants on the **DCSF Project Management (Research) Framework**, which supports Research & Development opportunities in project management that the DCSF wishes to investigate. The scope of research can be broad.

Capita Symonds is on Partnerships for Schools' **Technical Advisory (TA) Framework** which combines the previous Technical Adviser and Programme & Project Management frameworks. This framework - combining technical and project management advice - provides flexibility for local authorities to get the right support for their particular needs and involves services such as developing option appraisals to assist clients' decision making, developing output specifications, plus undertaking or arranging surveys.

Capita Symonds was appointed to the £800m Buying Solutions Project Management & Full Design Team Services Framework - the biggest multidisciplinary public sector framework for property and construction services in the UK - last summer.

The four-year framework (formerly a Catalyst Framework) can be used by all public sector organisations such as Whitehall departments, the NHS, local councils, the emergency services and also schools, including for the delivery of BSF projects.

The framework provides access to some of the UK's leading consultants at pre-competited prices and provides a fast and easy alternative to OJEU procurement.

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OpTIC Technium, St. Asaph, North Wales
'Sustainable Building of the Year' (2005)

sustainability

We are committed and passionate about delivering creative, affordable and appropriate sustainable building solutions.

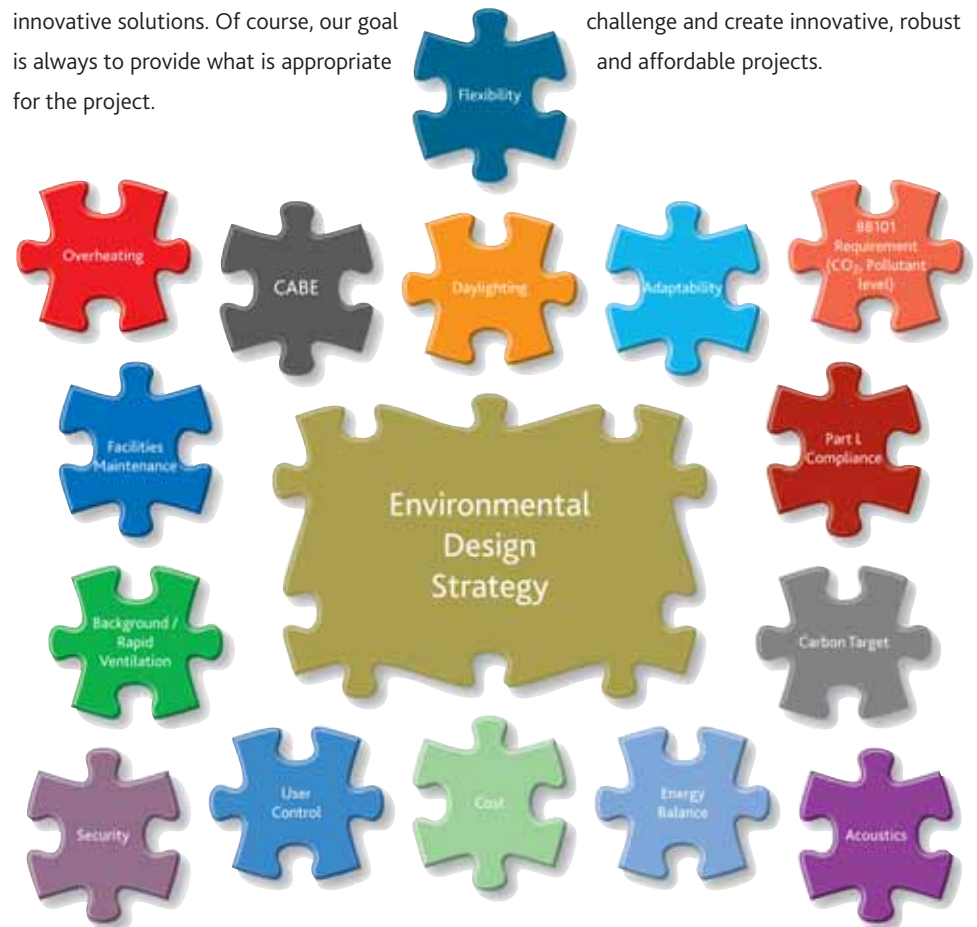
We believe that successful design begins at the initial planning stages with an integrated approach, balancing the needs of education, architecture and energy design. Therefore, we have established a solution that seeks to inform the design at the earliest stage to minimise the energy impact on the building.

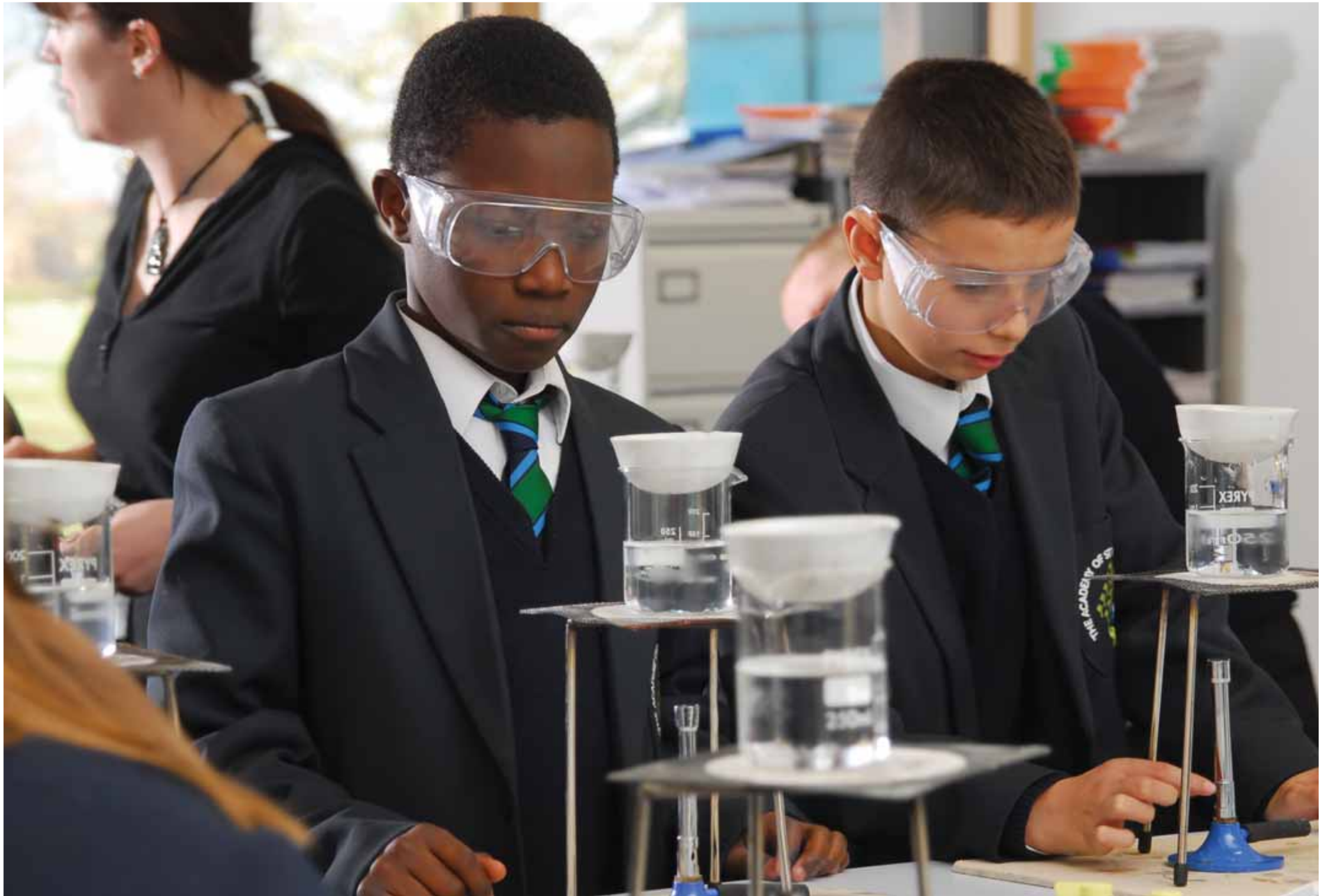
Fundamentally, this requires positioning rooms and functions in the most advantageous position thereby minimising cost and energy from the outset. We then seek to make the resulting architectural plan as energy efficient as possible using passive techniques, reviewing materials selection and construction methods, while also considering issues such as waste in construction and embodied energy.

Having created an energy efficient building, the engineering systems are then overlaid onto the design. In order to achieve renewable energy

targets we consider a balance of emerging technologies and existing equipment to create innovative solutions. Of course, our goal is always to provide what is appropriate for the project.

Our holistic approach requires a closely integrated design team with a desire to challenge and create innovative, robust and affordable projects.





portfolio

We have extensive project experience across the education sector and have been delivering high quality, innovative solutions for over 60 years.

With a background of over 1,000 education projects (and around 100 currently in progress) we have the breadth of expertise, scale and robustness to deliver any education project.

The following pages contain a further selection from our education project portfolio.



collis primary school

London Borough of Richmond upon Thames
Value: £4m

Capita Symonds provided Collis Primary School with 12 new classrooms, allowing it to expand from 2FE to 3FE, new assembly halls, ICT suite, library, group rooms and staff areas.

The Design Brief required a functional addition which would integrate with the existing 1970's building and Capita Symonds designed an extension that successfully addressed this through a series of harmonious interlocking external and internal teaching spaces which blur the boundaries between the built and natural environment. Partially clad in cedar, this deceptively simple extension has been orientated to overcome solar glare and designed to maximise natural daylight and ventilation to create a healthy, positive environment for learning.

Key to this success has been the close relationship between the project architect, head teacher, staff and pupils. In particular, the new building has been used as a learning tool throughout the design and construction processes. Capita Symonds' thoughtful and inclusive design and delivery approach has resulted in a school that pupils can truly call their own, a lasting recognition of the benefits of working together in creating better learning environments for pupils and staff alike.



merchants academy

The Merchants Trust
Value: £30m

Capita Symonds delivered the Merchants' Academy in Bristol ahead of programme and under budget in 2008 - a first for the Academies programme.

This achievement seemed impossible when we were appointed in August 2005 to a ground-breaking 'Trust Contract Manager' role, with the scheme then six months behind schedule and £4.5m over budget

We provided the leadership, direction and energy to revitalise the project team, instilling a 'no blame' culture and fully embracing the Sponsor's 'Vision for Education'. Under our leadership, team-working delivered solutions rather than problems and secured the approval from DCSF for the scheme to go ahead, reducing the six month delay to two and wiping out the overspend at the commencement of construction in January 2008.

With our role extended to embrace ICT, FF&E and FM, construction and fit-out were completed ahead of programme, allowing a managed induction and training period prior to the Academy opening in September 2008.



rochdale bsf

Rochdale Metropolitan Borough Council
Value: £196m

Capita Symonds' Sport, Leisure & Culture Consulting team worked with the 'Inspired Spaces' consortium to advise on the design, development and management of potential sport and leisure facilities for two exemplar schools in Rochdale's BSF programme - Hollingworth Business and Enterprise College and Siddal Moor Sports College.

Our sports and leisure experts explored the potential for creating new dual-use facilities at each of these schools, combining sports, leisure and health services. As part of our work, we researched the extent and quality of existing provision in the area, as well as consulted with the appropriate stakeholders to better understand their issues and needs.

The recommended sports and leisure facility mix will take account both the needs of the school and the requirements of the community. At the next stage, the key to delivering the scheme will be to co-ordinate the BSF scheme with the wider corporate programmes, which will allow the school builds to benefit from other capital and revenue sources.



kirklees bsf

Kirklees Council (Children and Young People Services)
Value: £220m

Capita Symonds was employed by Kirklees Council as Technical Advisor to assist in its bid for Wave 6 BSF funding during 2007. The Kirklees BSF programme will inject fresh capital into its secondary schools estate of approximately £220m for 10 Centres for Learning.

Capita Symonds undertook a review of all existing asset information to establish a gap analysis to target future efforts and ensure that no information was needlessly replicated. This desktop exercise provided the base information to then undertake an appraisal of the existing secondary school estate in terms of suitability, condition, sufficiency and other key parameters to prepare a macro estate review for Strategy for Change in accordance with agreed weightings.

To support the Council's education transformation agenda the TA team appraised an additional 45 potential sites to establish their suitability as a school site. Utilising our multidisciplinary resources we performed a preliminary site assessment to inform the Project Board on deliverability, affordability and risk.

In addition to providing traditional estate options we also supported the Council with its catchment studies to ascertain the benefits of each site with regards to modes of transport (walking, cars and public transport) through the utilization of Accession modelling software.



hammersmith academy

DCSF
Value: £35m

Capita Symonds is providing overall project management, Funder's Agent and education consultancy services on the new Mercers' Academy in the centre of the London Borough of Hammersmith and Fulham, on the site of a former secure young offenders' institution.

The project is being sponsored by two charitable organisations - The Mercers Company (recognised as being London's oldest livery company) and The Information Technologists' Company (ITC) - and is a key part of the local council's drive to provide better local services for its residents.

The 780-pupil Academy, which is due to open in September 2011, will specialise in Creative and Digital Media and Information Technology. It aims to educate students aged 11-18 through innovative partnerships with local post-16 institutions in order to deliver the 14-19 curriculum and promote lifelong learning.

It is hoped that the new Academy will give a boost to education in the Borough of Hammersmith and Fulham which has significant areas of deprivation and is ranked as the 42nd most deprived local authority area in the country.



llanhilleth area regeneration scheme

Blaenau Gwent County Borough Council
Value: £10m

Capita Symonds project managed this innovative example of integrated community regeneration - unique for Wales and a Constructing Excellence Demonstration Project.

Originally driven by the need to replace two dilapidated schools in the South Wales village the £10m scheme saw the construction of the new St Illtyds Primary School and the refurbishment of the historic Llanhilleth Miners Institute alongside, fully integrated with the new school and creating an integrated resource for the deprived community. The new community facilities and school will be a healthy living centre and house a wide range of facilities including a GP's surgery, cyber cafe, training rooms, business start-up facilities, an all weather play area, sports and leisure facilities, and adult education classes.

In addition, the project created better access to the village off the A467, an enhanced village square and a station on the new £30m Ebbw Valley railway link to Cardiff (also project managed by Capita Symonds).



south lanarkshire schools ppp

Inspired
Value: £290m

Capita Symonds is part of the Inspired consortium that has secured preferred bidder status with South Lanarkshire Council for one of the country's largest education PFI projects.

The consortium, led by Amec in joint venture with Innisfree and Equion, will design and construct 17 new schools and work on the major refurbishment of two further schools as part of the Council's groundbreaking £290m Secondary Schools Modernisation Programme. Construction on the project will start in the summer of 2005, with a scheduled completion date of 2009.

Capita Symonds is working on nine separate schools (with the remaining ten being split between Aedas and 3D Architects).

The new build designs are based on faculty block templates oriented around a central street concept thus offering flexibility to address site specific issues.



haberdashers' aske's knights academy

DCSF
Value: £27.2m

Completed in December 2007, Knights Academy is an independently funded secondary school for 1350 pupils situated in South East London. Part of the Haberdashers' Aske's Federation of Academies - sponsored jointly by the Department for Children, Schools and Families and the Haberdashers' Livery Company - the Academy provides the very best in communal and educational facilities specialising in sports science.

Capita Symonds provided project management services on the project which was constructed in three phases.

The first phase comprised the decanting and demolition of the existing Malory school, part of which was retained and upgraded to allow for a temporary school and sports hall for 620 pupils as part of the decanting phase. A further 170 pupils were accommodated in a two storey temporary building installed within the grounds of a nearby primary school.

The second phase was the design, procurement and construction of the 12,010m² Academy which encompasses three main parts - the Forum, Think Tank, and Learning Curve. The third phase saw the demolition of the retained parts of Malory School, the removal of the temporary accommodation, and the building of the astro-turf pitches, external play and car park areas.



university of manchester

University of Manchester
Value: £150m

Capita Symonds was appointed to undertake an Estates Strategy Cost Plan in conjunction with the University Estates as part of an overall Masterplan Report which is effectively Phase 2 of 'Project Unity', the unification of the Victoria University of Manchester and the University of Manchester Institute of Science and Technology (UMIST).

The Masterplan gives a structure to the newly unified University as a whole which will ensure that each project, however modest, will contribute to the overall good of creating the great urban University of Manchester for the 21st Century.

In addition to the construction of new buildings for a variety of academic activities and interaction between departments there is also a strategy for pedestrian and vehicular transport through and around the University which involves major restructuring of existing road junctions and transport systems with shuttle buses and links to rail stations.

Phase 2 projects commenced in 2007 and will be carried out in a phased programme to 2010.



INTO newcastle university

INTO University Partnerships
Value: £23m

INTO University Partnerships appointed Capita Symonds to provide Acoustic Engineering advice to the design team on the development of 500 student residences and 30,000sqm of new academic teaching space within the existing University campus.

Capita Symonds was appointed to provide acoustic advice and design from feasibility through to scheme design stage. This involved undertaking surveys of the existing site, to allow consideration to be given to PPG24 requirements in the residential areas, and to BB93 criteria for the academic areas.

Advice was provided on building fabric, sound insulation, reverberation times/room acoustics, ventilation noise aspects, airborne and impact separation and reverberation times for residential content to meet Building Regulations part E needs. Working closely with the project architects, Capita Symonds produced an acoustic strategy for the duration of the project, and has continued to provide full acoustic consultancy to ensure this strategy has been adhered to, whilst adapting it where necessary to meet design changes and client requirements.



synthetic chemistry building

University of Bristol
Value: £11m

This design is based on the best features of existing state-of-the-art laboratories in the leading international pharmaceutical companies and the building complies with the strictest of current and projected Health & Safety standards.

Four laboratory floors house a total of 198 fume hoods, providing a safe and healthy environment for researchers and efficient space in which to develop new chemistry. Individual laboratory modules have clean areas where work in progress may be written up and data analysed without the danger of chemical contamination.

The building has strong environmental credentials. Every effort has been made to conserve the use of water and energy in all aspects of the heating, lighting and cooling systems. An advanced IT network was a fundamental aspect of the new design. The exterior aspect of the building complements its surroundings perfectly and is a prominent feature of Bristol's skyline.



nanoscience & quantum information building

University of Bristol
Value: £10m

Capita Symonds was architect and project manager on this research facility designed and built to be the "quietest building on earth".

The NSQI project aims to create a state-of-art specialised facility incorporating laboratories and associated support facilities, due for completion in 2009. The specialised laboratories will provide vibration and noise levels that will be the lowest achievable anywhere in the world.

The four storey facility will provide a unique purpose designed environment in which a multidisciplinary and interdisciplinary research community, drawn from science, engineering and medicine, can be fostered and thrive through stimulating interactions and a high quality exchange of ideas.

company

With over 4,000 staff in over 60 offices across the UK, Capita Symonds is one of the UK's largest multidisciplinary consultancies in the design, engineering, management and infrastructure sectors.

We offer an unrivalled scope of services and a unique blend of professional and technical skills to schemes of all types and complexities.

We are the leading innovator in UK school design, with a proven track record of working with DCSF, LSC, PFS, the Academies programme, and local authorities in Waves 1-6A of BSF.

The following pages include information on some of the key members of our team.

James Cowlshaw

Position

Director of Education Projects

Qualifications

DMS, MBIFM



James has experience in the service industry, local authority, education and other public sector markets, managing both business development and operational personnel. With proven negotiation skills and the ability to build strong internal and external customer relationships, James has considerable experience in managing major business opportunities.

Relevant experience

- Providing Partnering Services lead on the inspiredspaces bid for Nottingham's £208m BSF contract.
- Bid Director for Capita Symonds within the Catalyst consortium on the £185m East Lancashire Schools BSF contract which involves the construction of nine new schools over the next four years.
- Gaining one of the first local authority outsourcing contracts - including property and facility services - as part of a strategic partnership valued at £94m over ten years. This involved assessing and managing the resource, capability and service delivery of the DLO from architects to cleaners.
- Development and delivery of a training programme for customer awareness for local authority customer facing employees.
- Gaining security contract for DHSS 'Prime' PFI project through Trillium, for the whole of the UK (worth £19.5 million per annum for seven years). Followed by Benefits Agency 'AOS' contract valued at £8 million per annum for three years which created a new business division employing 1200 personnel.
- Led the team that was successful in winning the £2.5m security contract for the Millennium Dome. This required an innovative and creative approach to the proposal and presentation.

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Jane Longfield

Position

Director of Education Consultancy

Qualifications

MBA, PgDip



As Capita Symonds' Director of Education, Jane leads the educational services team, providing a broad range of strategic educational advice across the education sector to public and private sector clients including the BSF and Academies programme, FE, school and community projects, framework agreements and education and integrated services design philosophy.

Jane plays a major role in Business Development, as well as providing a strategic lead for BSF, primary school and FE projects. She is the Education lead on the successful Catalyst Education (Bovis Lend Lease with Capita Symonds) consortium for Lancashire BSF and was overall educational project lead on the Nottingham City BSF project where Capita Symonds was part of the successful inspiredspaces (Carillion) consortium. She also works with a number of local authorities developing their strategic investment plans as well as supporting the development of the education vision and strategies for change. She has also evaluated strategic plans for BSF authorities on behalf of the DCSF.

Relevant experience

- Evaluation of the supply and demand of school places of all 13 BSF Wave 1 Authorities on behalf of Partnership for Schools.
- Education Lead for successful Catalyst Education (Bovis Lend Lease with Capita Symonds) consortium for Lancashire BSF.
- Lead Education Leeds (2001-04) team including BSF Wave 1 bid for £160m and improvement of Leeds Schools.
- Lead Calderdale MBC (1998-2001) successful bid for £36m of PFI credits for local schools.
- Interim LEP education transformation manager for Wolverhampton BSF.

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Ed Burton

Position

Head of Education, Architecture

Qualifications

BA(Hons), DipArch, MBA, ARB, RIBA, MCMI



Ed heads the education sector of our architecture division and leads its Birmingham studio. He has over 20 years experience in high profile and major design projects in the UK and China as well as in business development and company strategy.

Ed joined Capita Symonds' architecture team from the multidisciplinary design function of an international contractor where he led both design studios and projects. He has gained valuable exposure to major end-user client bodies across multiple sectors such as education, rail, aviation, communications, defence, science & technology and workplace which gives him an informed approach to design issues and problem solving.

Ed's broad skill base has been enhanced through working in numerous procurement routes including BSF, PFI, Design & Build, NEC, traditional and 'fee only' commissions.

His experience covers the spectrum of education - BSF, Academies, Local Authority Frameworks, Higher Education, Primary, Secondary, Children's Centres and bespoke private sector training facilities.

A Chartered Architect since 1994, Ed was an architect with Stirling Prize winning Herzog & De Meuron and Sheppard Robson. He holds a Masters Degree in Business Administration from Cranfield University and is also a trained Value Management facilitator.

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Richard Woods



Position

Senior Associate Director, Architecture

Qualifications

BSc BArch ARB RIBA

Richard has written for the Architects' Journal Building Studies Series, has lectured widely, and has been visiting tutor for the University of the West of England combined Architecture and Planning course. He has served as a RIBA regional awards juror, and is a registered RIBA Competitions Advisor. As well as being appointed to the newly formed CABE schools review panel Richard is a regular speaker at national conferences.

Richard's architectural approach seeks to engage in dialogue with a building's cultural and physical context, to attempt to create design solutions rooted in a strong sense of place.

Richard has most recently been project architect for the multiple award-winning The Academy of St Francis of Assisi in Liverpool which has been widely published in the UK and abroad, including a feature in the Independent newspaper describing it as 'Britain's Greenest School'. Amongst other awards, the Academy has recently won a CABE Festive Five Award and a City of London Sustainable City Award, and has achieved the highest rating in the UK in this year's contextual 'value-added' school league tables.

Relevant experience

- Academy of St Francis of Assisi, Kensington.
- Oasis Academies, various.
- Barking & Dagenham Schools PFI.
- Design lead for Nottingham BSF and Wolverhampton BSF.

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Richard Dinsdale



Position

Regional Design Director

Qualifications

BA, DipArch, MA

Richard is responsible for Design in our Regions division (which encompasses all our strategic partnerships across the UK).

Prior to joining, Richard worked on the City Academies programme, developing designs for Walsall and Sandwell Academies (for Sir Kevin Satchwell and The Mercers' Co) as well as working directly for the Academies Division developing designs for Bristol, Manchester and Nottingham Academies. He also assisted Walsall MBC with the development of their initial BSF submission.

His passion is to see the delivery of new ways of learning to help facilitate better lives for children and young people while helping the whole community to re engage with the learning process.

Relevant experience

Since joining Capita Symonds, Richard's focus has remained in Education design. He is currently fulfilling the role of Design Champion on the 'Inspired Spaces' consortium's Rochdale BSF bid, which is at ITCD stage. Previously, he undertook the role of Architectural Design lead on the successful Lancashire BSF bid which has a potential value of £985m over several waves of development. So far, some 17 secondary, primary, special needs, BESD and further education projects are on site, or at significant stages of development. Richard also assisted earlier last year with the community regeneration element of Capita Symonds' Salford and Wigan BSF bid with Catalyst Education.

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Simon Shepard



Position

Director, Education Project Management

Qualifications

BA (Hons), MSP Practitioner

Simon leads and manages our education frameworks within the project management division. He has strong people management skills and an in-depth understanding of local government processes to support a wide variety of projects. With previous experience in the role of project sponsor for a large local authority, Simon can build strong relationships within local authority clients.

Simon has previously acted as the Communications Lead for stakeholder engagement in BSF programmes, a skill central to the success of such projects. He is able to support clients with stakeholder management, ensuring positive engagement with the local community and schools whilst demonstrating that progress is being made.

Relevant experience

- Strategic Education Lead, Essex BSF.
- Nottingham City Wave 5 BSF Programme (£89m).
- Project Director, The Kunskapsskolan Academy at Ipswich, DCSF (£25m).
- Project Director, The Bushey Academy, DCSF (£25m).
- Project Director, Hammersmith Academy, DCSF (£26m).
- Project Director, Monson / Hatcham College, DCSF (£6m).
- Project Director, Chobham Academy, DCSF (c.£40m).
- East Sussex County Council, Principal Manager, Development Planning & Admissions (2005-08).
- Surrey County Council, Head of Education Planning & Development (1992-2005).

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Tom Pinnington



Position

Principal Consultant, Sports Leisure & Culture Consulting

Qualifications

BSc (Hons), APMP

Tom is an experienced project consultant within our Sports Leisure & Culture Consulting team, leading the team's work on a range of leisure projects. Tom has a Degree in Land & Property Management and is qualified as a Practitioner with the Association of Project Management.

Tom has over six years' experience in the field of grant funding and lottery fund distribution for leisure projects. He brings these skills to bear in the team's work within BSF, particularly in preparing funding applications for school-based community sports facilities. Before joining Capita Symonds he worked for The New Opportunities Fund on the implementation of the PE and Sport in Schools Programme.

His recent work has involved facility audits, stakeholder consultation and feasibility studies on behalf of the London Boroughs of Lewisham and Richmond, informing plans for their BSF programmes.

Relevant experience

- London Borough of Lewisham: Building Schools for the Future.
- Westminster City Council: Crompton Street Children's Sports Centre, Feasibility and Funding Applications.
- London Borough of Richmond-upon-Thames: Grey Court School Feasibility Study.
- University of Kent - Sports Strategy & 50m Pool Feasibility.
- Nottingham City Council: Djanogly City Academy.
- Basingstoke & Deane Borough Council: Down Grange Feasibility Study.

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Simon Jones



Position

Director, Technical Advisor & Procurement

Qualifications

BEng (Hons), MBA, CEng, MICE

Simon has experience working client side for local authorities and bid side for large consortia active in the BSF market. He has led several Technical Advisor teams across the BSF and Academies programmes and currently acts as Capita Symonds' Framework Manager for the national PFS TA Framework. He is therefore responsible for all lead Technical Advisor commissions within Capita Symonds and is regularly called upon by Councils for his knowledge and expertise in the procurement, funding and delivery of BSF programmes.

In addition, Simon has particular expertise in delivering Strategic and Outline Business Cases for the procurement of BSF projects including how to deliver optimum value for the programme through joining internal and external funding streams across all local authority partners.

Relevant experience

- BSF Waves 7-15 Expressions of Interest: supported a number of local authorities on procurement and technical aspects of their submissions.
- Blackburn BSF Technical Advisor (Wave 4): lead role managing and directing a multi-discipline team covering all aspects of the commission including surveys, site appraisal, design engagement, output specifications, technical compliance and costing.
- East Lancashire BSF Lead Consultant: Capita Symonds' representative on the board of the private sector partner (Catalyst Education) with responsibility for managing all our services to the consortium partners.
- Kirklees BSF Technical Advisor (Wave 6): lead role supporting the Council with the development of their Strategy for Change with site options and appraisal studies.

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Neil Cartwright



Position

Director, Head of Building Services

Qualifications

BTech(Hons) CEng, MCIBSE, MBIFM

Neil has been a director with Capita Symonds for ten years and is currently Head of Building Services Design. Educated at Loughborough University, he has over thirty years of experience in consulting engineering, holding senior positions with companies such as SVM, Buckle & Ptns, and Ralph T King & Ass.

During his career, Neil has worked on the design and project management of some of the UK's most complex and prestigious buildings including the new British Library and Sky Broadcasting's Headquarters. He has also worked on numerous schemes across the local government, education, healthcare, residential and mixed-use sectors.

Neil directs a number of teams that specialise in designing education facilities, devising various innovative solutions to support projects such as Nottingham BSF and various Academies, colleges and universities across the UK.

Relevant experience

- BSF Cambridge: Design of two schools using passive ventilation systems and CHP (Combined Heat and Power).
- BSF Westminster: Design of three schools using a mixture of natural ventilation solutions and chilled beam technology.
- BSF Nottingham: Design of three schools that achieved an 'Excellent' BREEAM rating.
- Learning Centres for Leeds Metropolitan University and The University of North London: Devised and implemented a low energy solution for both universities.
- The Royal Holloway College: Evaluated the environmental conditions in the laboratory building and proposed low energy, environmentally friendly solutions to overcome the summertime over heating problem.

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Taariq Mauthoor



Position

Associate Director, Building Services

Qualifications

BEng(Hons) MSc CEng MCIBSE

Taariq is an Associate Director with over ten years' UK and international experience in Building Services and Environmental design across various sectors including education, healthcare, aviation and hospitality.

After training as a mechanical engineer his postgraduate degree saw him specialising in environmental design and engineering. He currently heads Capita Symonds' Sustainability and Low Energy Building Design team where he leads a group of building physicists and sustainability engineers in providing design advice to support projects such as Nottingham BSF and various academies, colleges and universities across the UK and abroad.

Qualified as a CIBSE Low Carbon Consultant (Design) and Energy Assessor, Taariq's work with educational facilities has featured an involvement from conceptual stage through to commissioning, including future climate and adaptation design studies. He has also worked on a range of educational buildings using computer fluid dynamics and virtual modelling techniques to optimise design solutions.

A Next Generation Panel Editor for the Building Sustainable Design Magazine, Taariq has also participated in research for the UK Government on Low Carbon School Design and is part of Capita Symonds' Sustainable Design Laboratory.

Relevant experience:

- Basildon Academy: Thermal modelling and energy statement for two academies.
- Nottingham BSF: Dynamic thermal simulation studies to develop passive design strategies for educational facilities. Produced Part L compliance and statement of energy strategy reports.

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Kevin Mitchell



Position

Director, Structures

Qualifications

MBA(Manc) CEng MIStructE MICE

Kevin has over 35 years experience in the construction industry having successfully delivered major projects such as Manchester's 2.64bn sq ft mixed use commercial development at Spinningfields, and over 2,000 apartments at the city's Green Quarter.

He joined Capita Symonds in 1998 as a Senior Engineer, having previously worked for an international firm of consulting engineers on a variety of projects including the £3bn redevelopment of Haifa Street in Baghdad and Barbirolli Square in Manchester, incorporating the relocation of the Hallé Orchestra into the Bridgewater Hall.

Appointed onto the Capita Symonds Structures Board of Directors in 2002, Kevin's focus is also on developing new ideas and the application of award winning technology, such as the 23m cantilever building at Spinningfields in Manchester. His team is currently developing a post tensioned concrete scheme for Kings School at Wolverhampton - unusual for the Education sector - which combines minimal structural materials with whole life benefits to provide a sustainable solution.

Finally, Kevin's role as Quality Director involves the instigation and implementation of Quality Management procedures and the continual improvement of Capita Symonds' working practices at local Board and Design Board level.

Relevant experience

Kevin currently manages a portfolio of sixteen BSF schools; five Academies; three university campus projects (including Manchester Metropolitan University's Crewe campus relocation); and an LSC framework project at Manchester College.

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Rukhsana Adam



Position

Director of Acoustics & Air Quality

Qualifications

BEng(Hons), PhD, MBA

Rukhsana leads Capita Symonds' Acoustics & Air Quality team, working closely with our architecture, engineering and planning teams and clients including airport operators, design and build contractors, academies, outdoor event organisers (including the Glastonbury Festival) and major concert venues such as the new O2 Arena in Dublin.

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Kevin Shieber



Position

Principal Security Consultant

Qualifications

MSyl

Kevin has extensive experience of physical and personnel security combined with proven investigative skills gained through 23 years service with the Metropolitan Police and as a Commissioned Provost & Security Officer (Squadron Leader) in the Royal Air Force. Kevin has developed security plans for over 40 facilities being constructed under PFI / BSF schools programmes, focussing on cost-effective and appropriate application of security and the achievement of 'Secured by Design' standards.

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