



AMBITIONS
Academies Trust

Ambitions Academies Trust – Estates Team


Overview

Outstanding Achievement for All

Agenda

- ▶ Health and Safety requirements for Schools
- ▶ Alcumus
- ▶ PMP
- ▶ Project management
- ▶ Projects
- ▶ Solar Installs
- ▶ Estate development – LED lighting, green energy

Health and Safety

- ▶ All schools have a duty to comply with the legal requirements outlined in the Health and Safety at Work Act 1974 and its associated regulations. Educational employers have duties to ensure, so far as is reasonably practicable, the health, safety and welfare of teachers, education staff, pupils – both in school and during off-site visits – visitors, volunteers and contractors.
 - ▶ The Health and Safety Executive (HSE) is the national watchdog and regulator for work-related health, safety and illness.
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- ▶ The government provides advice for schools via the department for education (DfE). The advice applies to school employers, head teachers and school staff in academies, free and maintained schools, independent schools and local authorities.

Responsibility for health and safety in schools

- ▶ The Health and Safety at Work Act 1974 and related regulations require every employee to take reasonable care for the health and safety of themselves and of other persons – pupils and visitors – who may be affected by their acts or omissions whilst at work.
- ▶ Legal responsibility and accountability for health and safety lies with the employer
- ▶ Employers must take all reasonable measures to ensure that school premises and equipment on the premises are safe to use. They are responsible for determining and approving the health and safety policy, ensuring that resources are directed to implementing the policy and for complying with any directions given by the local council or other relevant authority concerning the health and safety of persons in school, or on school activities elsewhere.

Responsible person and duty holder

- ▶ The terms Responsible Person and Duty Holder are commonly used in regulations.
- ▶ The responsible person is a named person at each school that has clear responsibility for the maintenance or repair of the premises, usually through an explicit agreement such as a lease or contract, or the person who has control of the premises.
- ▶ The Duty Holder means the employer and those in control of workplaces, who have duties under health and safety law.



Enforcement

- ▶ The HSE and local authorities are responsible for enforcing health and safety legislation. Together they ensure that duty holders manage the health and safety of their workforce and those affected by their work.
- ▶ The HSE are primarily responsible for enforcing health and safety law in schools and they operate from a network of regional offices.
- ▶ Inspectors visit workplaces to check that people are sticking to the rules and they may take various types of enforcement action to deal with a breach of the law: issuing informal advice; improvement or prohibition notices, or prosecution when something is seriously wrong.



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Project Management

- ▶ The Construction (Design & Management) Regulations (CDM 2015) are the main set of regulations for managing the health, safety and welfare of construction projects. CDM applies to all building and construction work and includes new build, demolition, refurbishment, extensions, conversions, repair and maintenance.
- ▶ The CDM 2015 regulations place legal duties on all involved in a construction project. Specifically the overall responsibility for H&S falls on the Client
- ▶ A construction project is notifiable to the HSE via an F10 form if the construction work is expected to: last longer than 30 working days and have more than 20 workers working at the same time at any point on the project or. exceed 500 person days
- ▶ We look to appoint a principal designer for larger scale construction as they have an important role in influencing how the risks to health and safety should be managed and incorporated into the wider management of a project.
- ▶ A principal designer must be appointed in writing by the client (the Trust) where a project involves, or is likely to involve, more than one contractor. On notifiable projects the principal designer will prepare a preconstruction H&S plan and pass on to the contractor.
- ▶ The principal contractor will monitor the H&S during construction

Projects

- ▶ 4.8 million in grants over the last 4 years, this is not including the cost of refurbishment at St.Aldhelms.
- ▶ Over the last 3 years alone projects include:
- ▶ Elm – Roof, and fire alarm refurbishment of four toilet blocks
- ▶ KPA – Roof, Windows, Access Control and Telephony and home economics area
- ▶ Trust office development
- ▶ Manorside – Roof, home economics area
- ▶ Bayside – Roof
- ▶ Petersfield – Site redevelopment
- ▶ Longspee – Roof installation and boiler replacement
- ▶ St.Aldhelms – Refurbishment
- ▶ Nigel Bowes – LED lighting
- ▶ Studio – External walkway lighting
- ▶ Wey Valley – Refurbish two toilet blocks
- ▶ All Saints – New roof and expansion of existing CCTV

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Project images



Petersfield Academy – Before and After



The Trust Offices – Before and After



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Kings Park Academy



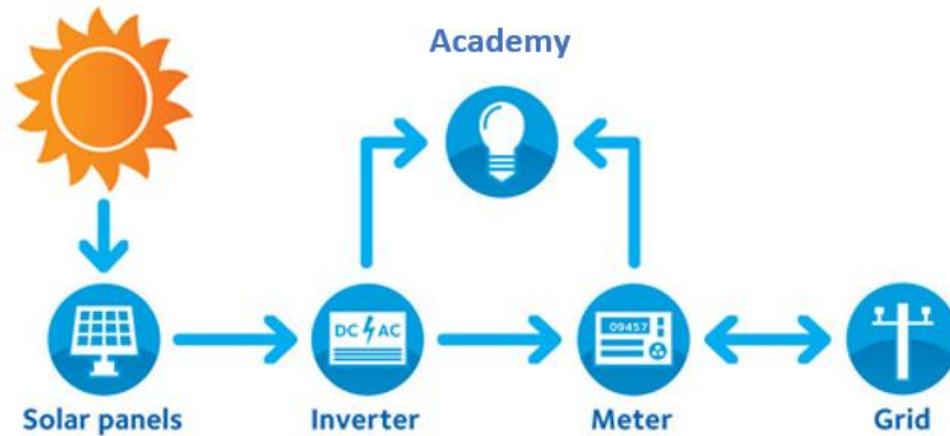
On going Infrastructure projects

- ▶ Petersfield Campus – Windows, doors, cladding and general infrastructure works
Completion May 2019
- ▶ Nigel Bowes – External Learning areas – Summer 2019
- ▶ Wey Valley – Toilet block install – Summer 2019
- ▶ All Saints – Major roof recovering and asbestos removal from floor coverings – Summer 2019
- ▶ Longspee Fire Alarm installation – Completion due Summer 2019
- ▶ Studio – Creating 2x new classrooms – Summer 2019
- ▶ Solar installation at Kinson Primary May 2019
- ▶ Elm – LED lighting install and associated works – Summer 2019

Solar Installs

Sites with solar panels installed from 2017 to present

- ▶ Longspee
- ▶ Manorside
- ▶ QPA
- ▶ KPA
- ▶ Nigel Bowes
- ▶ Throop Learning centre
- ▶ Elm
- ▶ Oak
- ▶ Studio
- ▶ Bayside
- ▶ St.Aldhelms
- ▶ Petersfield
- ▶ Wey Valley



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Pictures and video of installs

▶ Oak Install - Video footage



Longspee: jojusolar.pvmeter.com/solar/PA?icks=MTA2MDg=
Manorside: jojusolar.pvmeter.com/solar/PA?icks=MTA2NjQ=
Nigel Bowes: jojusolar.pvmeter.com/solar/PA?icks=MTA4NzM=
Kings Park: jojusolar.pvmeter.com/solar/PA?icks=MTEwNTY=
Throop: jojusolar.pvmeter.com/solar/PA?icks=MTEzNzk=
Queens Park: jojusolar.pvmeter.com/solar/PA?icks=MTA5ODg=
Elm: jojusolar.pvmeter.com/solar/PA?icks=MTA5MTg=
Oak Meter 1
(217311073): jojusolar.pvmeter.com/solar/PA?icks=MTExODg=
Oak Meter 2
(217311074): jojusolar.pvmeter.com/solar/PA?icks=MTExODk=
Leaf: jojusolar.pvmeter.com/solar/PA?icks=MTEzMTM=

Costs and terms

- ▶ Upfront cost to school is £ nil.
- ▶ Electricity generated by the solar panels and consumed by the school will be charged at 9p per kWh currently on average the Academies would be paying prior to these installs approx. 13p per kWh.
- ▶ This rate is guaranteed for 20 years.
- ▶ For the entire 20 year agreement the panels are maintained by the installing company.
- ▶ Any profit made by the installing company from the installation will be paid back to the Academy.