

Welcome to the Industrial Trust Newsletter

New Initiative in the North East ...

A new initiative in the North East has once again encouraged major manufactures and Universities to open their doors to the Industrial Trust for educational visits. This Initiative is aimed at further developing young people's interest in Textiles and supports the need for industrial experience to enhance young people's development and employability skills.

A full day event, in the form of a competition, was organised to motivate and inform young people about the possible careers available to them within the Textiles Industry, including the application of technical textiles as well as aspects of fashion, manufacturing and design. Involving a range of age groups from Primary to Secondary Students, the competition involved 100 young people and was supported by leading textiles companies such as Barbour and Berghaus, alongside Higher Education establishments such as the University of Sunderland and Northumbria.



Designing a T-shirt as part of the one day event

In addition to a full programme of activities, the event also involved setting a challenge - to be creative, work within a team and use a range of different textiles. The winning team from this event attended an educational visit to Barbour, where they were able to see first hand, the wealth of opportunities available within the world of textiles.

This event will be repeated in June 2009, where secondary school students will be set another exciting challenge involving the innovative and creative uses of textiles. Following this event, the winning teams will then be entered into the Drapers competition and invited to attend the Drapers Hall Event in London in November.

Claire Saunders, Head of Marketing at J. Barbour Factory in South added ***'As a major manufacturer in South Tyneside, we are delighted to support this Industrial Trust initiative and to have the opportunity to be involved. It is so important not only to Barbour but to the region as a whole, to encourage and stimulate young peoples interest in the textile industry and the opportunities that exist within it.'***

'Steel' going strong ...

The first Industrial Trust visit took place in Sheffield on 20th July 1999. During this visit, 31 Year 9 pupils and 5 teachers from City School in Sheffield visited Kvaerner Metals, now known as Davy Markham. 10 years later and the Industrial Trust South Yorkshire office has organised over 1,500 separate visits in the region, involving over 140 different schools, over 60,000 pupils, their teachers and parents/carers, to some 200 companies.

These visits have encompassed over 30 different curriculum focus areas for the teachers and just fewer than 300 different subjects of study for students and have ranged from taking small group of 5 pupils from 3 different schools to a new host company, to visits for groups of up to 200 young people or more to the National Railway Museum or Manchester Science Museum, who over the period of 10 years will have hosted Industrial Trust educational visits for over 6,000 young people.

If you would like to participate in any of our programmes, please contact info@industrialtrust.org.uk

"inspiring life choices"
www.industrialtrust.org.uk

Innovation for Islington

We are delighted to announce that the Trust has secured new funding from the Cripplegate Foundation for the Islington area of London. KS4 students from the Central Foundation School will participate in a nine month project closely linked with the regeneration of the Kings Cross area and the 2012 Olympic Games. This will provide each student with an opportunity to work with construction industry professionals in the completion of a business challenge project and will involve 8 focussed learning sessions for each student in the areas of architecture, design technology, engineering, construction and business and enterprise.

The Salt Pot Mystery...

Year 9 students from Highdown School had the opportunity to become Forensic Scientists for the day and to solve....The Salt Pot Mystery.

Highdown School in Berkshire recently enjoyed a full day's educational visit at the University of Reading. The day, hosted by the Department of Chemistry's Outreach Team, in partnership with the Widening Participation Office and the Industrial Trust's Open Horizons programme, gave pupils an opportunity to experience a typical University campus and apply Chemistry in a new and exciting way.

The day got underway with a guided tour of the main campus facilities, including the Students Union and Library. The tour, led by Undergraduate Student Ambassadors, was followed by lunch, a short presentation and concluded with a question and answer session hosted by current undergraduates.



Dusting for prints



Experimenting with ink fingerprints

The afternoon session took place in the Chemistry Department's Laboratories. Here, pupils set about solving The Salt Pot Mystery by adopting the role of a Forensic scientist. This interactive and engaging forensics activity encouraged pupils to think analytically and allowed them to try out various methods of detecting fingerprints, including dusting, ink prints and superglue fingerprinting. Each pupil was given an evidence pack containing the Scene of Crime Officer 'SOCO' pathology reports and witness statements. Throughout the session, pupils answered key questions to eliminate suspects and find the perpetrator. The afternoon ended with a colourful demonstration of flame tests, to show how chemical tests can be used in forensic investigations.

With the evidence gathered, it was time for the final verdict –guilty or not guilty?

"The event at Reading University was a great success. It allowed 34 Year 9 pupils from Highdown School to experience hands-on, how interesting science can be and to learn about the range of careers that can be accessed. The pupils had an excellent time and we are very grateful to Reading University for hosting the day's activities. To build on the experience, this same group of pupils will also visit Johnson Matthey Research, to meet young science graduates working there on real life applications of chemistry, physics and engineering within the environment, food quality and medicine sectors."

Peter Duckitt – Area Manager, Industrial Trust MKOB Region

New Appointments ... New Inspiration ... New Opportunities ...

The Industrial Trust welcomes a new Vice President, a new Trustee and a new Area Manager.

Firstly, we are delighted to announce that **Digby, Lord Jones of Birmingham**, has agreed to become a Vice President of the Trust. With his experience as a Government Minister and an influential leader of the CBI, he is a welcome addition to the body of expertise that we are proud to have available to support our work. In addition, Lord Jones has agreed to hold an in-school Enterprise Seminar once a year and take a group of young people around the House of Lords.

Joining our Board of Trustees is **Peter Saraga**. Peter has a commercial research background in Electronics and was one of the first people to link electronics with fabric to form Intelligent Textiles. He has worked with HEFCE and most recently was president of the Institute of Physics. He also works with the Royal Academy of Engineering, Sussex University and Imperial. This mixture of commercial application of science together with links to education and professional bodies make Peter a valuable addition to our team of Trustees.

Lisa Slater who joins our West Yorkshire office as an Area Manager is a former teacher at Skipton Girls High School and was instrumental in obtaining and renewing their Engineering specialist status. She has a passion for the teaching of technology and has worked in both primary and secondary schools.

↔Opposites Attract↔

The Industrial Trust prides itself on adapting existing programmes to support the learning objectives of both teachers and students. Here are just two examples of how our programmes can be modified to suit different age groups and learning needs.

Engineers Start Young

25, year 6 primary students attended a morning visit to Rolls-Royce Hucknall to learn how large business 'Reduce, Reuse and Recycle'...

Primary school students from Springfield School in Bulwell visited the **Rolls-Royce Hucknall** facility to see how they Reduce, Reuse and Recycle their manufacturing and office waste. During the visit, students gained an insight into the workplace along with an understanding of the environmental issues that companies have to deal with. The group had an interactive presentation from a Rolls-Royce graduate about how companies can become more environmentally friendly and discussed what impacts these companies have on the environment. As part of Rolls-Royce's community project, their graduates created an educational workbook to support the visit programme, which focused on the 3 key areas that had been discussed during the visit to the facility –

- What is Global warming?
- What is Rolls-Royce doing to help?
- What can you do to be more environmentally friendly?



Students interacting during the Environmentally friendly presentation

Students Enterprise Conference

10, A' level students attended the 'Students Enterprise Conference' held in November, at the Institute of Directors in Pall Mall, London



A' level students at the IOD conference

As part of **'National Enterprise Week'**, students and teachers from Penistone Grammar School in South Yorkshire attend the Students Enterprise Conference at the Institute of Directors, hosted by the IOD's Director General, Miles Templeman. During the conference, students gained an insight into the world of business and enterprise and had the opportunity to hear inspirational presentations from:

Tim Campbell, the original Apprentice winner and Founder of Bright Ideas Trust. Tim gave a very personal and inspirational presentation describing his experience and his future aspirations.

Alistair Gosling, CEO and Founder of the Extreme Group. Alistair, who is still only 38 years old, is now a multimillionaire whose portfolio of businesses ranges from a TV Company, Hotels, Soft Drinks and Credit Cards.

Get Involved... they did!

*This edition of the Newsletter has highlighted just some of the different schools, educators and companies who have recently benefited from our programmes. Each with different aims and objectives, the one thing they all have in common is the wish to make a difference to the lives of the young people within their communities. The Industrial Trust aims to give **ALL** young people the opportunity of a brighter future and by working with the Trust, you too can be part of this change.*

Here are just some of the ways the Industrial Trust can support you and you can support us...

Schools	Business	Sponsorship
<ul style="list-style-type: none"> • Educational visits into Industry • Support classroom learning • Bring curriculum to life • Gain an insight into industry • Support material for visits • Interactive student information • Schools Membership scheme • Raising young people's aspirations • Inspiring life choices <p>If you would like to participate in an educational event, please contact</p> <p>info @industrialtrust.org.uk</p>	<ul style="list-style-type: none"> • Open your doors to young people for educational visits • Fulfil your Corporate Social Responsibility Programme • Become a corporate sponsor • Educate and motivate potential recruits • Exhibit or be guest speakers at national or local trust events • Staff development • Volunteering programmes • PR and perceptions <p>If you would like to discuss corporate opportunities, please contact</p> <p>stuart.bishell @industrialtrust.org.uk</p>	<ul style="list-style-type: none"> • Financial support for one educational visit • Financial support for whole class events • Give directly through your company payroll • Become an individual donor • Volunteer your time or skills • Provide "benefits in kind" • Become a Trust Champion • Participate in our events • Recommend us to your local schools • Tell others about us <p>If you would like to find out more about sponsorship opportunities, please contact</p> <p>jenni.jones @industrialtrust.org.uk</p>



Textiles students from West Yorkshire get 'hands on' – learning about the different stages of Textile production.



Students from Hinde House School, Sheffield on a visit at Corus Works.



Oxford students visit Sharp Laboratories of Europe Ltd - bringing to life and illustrating the everyday uses of lasers.