

Event Guide



worldskills
London 2011

5–8 October, ExCeL London

I AM... YOUR GUIDE

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world skills
London 2011

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I AM... READY AND RARING TO GO

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European Union
European Social Fund
Investing in jobs and skills

The European Social Fund is providing technical assistance funds to support a programme of activity to assist young people from disadvantaged areas to attend WorldSkills London 2011, support the volunteer and exhibitor programme and fund event 'wrap around' activities. The European Social Fund in England is investing in jobs and skills – focusing on people who need support the most and helping them fulfill their potential.

Welcome



I am proud to welcome you to WorldSkills London 2011 – the greatest skills Competition, careers and jobs event on the planet!

As you explore this amazing venue, I'm sure you will feel inspired by the talented young people taking part in the Competition and showcasing the many skills that shape our world.

While you're here please be sure to 'Have a Go' at a new skill, take advantage of the impartial information and advice to help plan your future career and don't miss the Make it Happen area to discover your dream job! You can even learn more about the countries and regions taking part by visiting the Global Skills Village. Do also find out about future skills Competitions with WorldSkills UK. One day, it could be you taking part in a future skills Competition.

And remember, you are welcome to come back! The event is open until 4pm on Saturday 8 October so please make the most of this incredible skills experience.



Chris Humphries CBE
Chairman, WorldSkills London 2011





We are delighted that London is host to our 58 Member countries/regions that represents approximately 70% of the world's population.

The true stars here are the Competitors – each one of them is already a champion, having been selected from amongst their peers to represent their countries/regions on the world stage.

I would like to thank our hosts, and best wishes to all Competitors, Delegates, Experts, observers, volunteers and visitors for a wonderful Competition.



Tjerk Dusseldorp
President, WorldSkills International



We are proud to welcome you to WorldSkills London 2011

BIS | Department for Business
Innovation & Skills



MAYOR OF LONDON

Five ways to make the most of your visit

WorldSkills London 2011 takes place over an area the size of ten Wembley football pitches and will see 150,000 visitors attend over four days!

So this guide is designed to help you find your way around!

1 Competition

2 Have a Go

3 Careers advice

4 Make it Happen

5 Showcase

Finding help

Need some help?

We have volunteers all around the venue on hand to help, whether you need general information or in case of an emergency.

There are information desks by the main entrances and in the main halls as well as event maps and event information screens located across the venue.

You can also contact our Operational Support Centre on +44 (0)845 475 2011 at any time of the day.

Emergencies

In the event of an emergency within the venue, please follow the direction of Gainsborough stewards who will be wearing navy blue and black tabards or volunteers dressing in yellow t-shirts.

Lost and found

Any lost children or property can be taken to Security Control located in Organiser's Office S8 Lower or please approach a member of the Gainsborough team who will be able to assist you.

Cloakrooms

The main cloakroom is located centrally in the boulevard on Level 0 next to the car park. An additional cloakroom is located on the boulevard level 0 close to the East entrance.

Cash points

There are two HSBC machines located at the West end of the boulevard, Barclays and HSBC machines situated in the boulevard at Level 0 and one at the East end of the boulevard by N6/S6. All machines accept all bank cards.

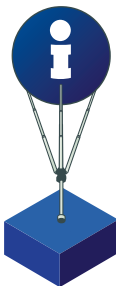
Volunteer



Info screens



Info desks



1 Competition

Over 950 Competitors from 51 countries/regions are competing to be the best of the best in 46 different skill competitions.

Each country/region has its own team selection process.

Team UK

Team UK members were selected for WorldSkills London 2011 when 86 of the UK's best students, apprentices and employees battled it out during four days of Competition in June this year.

Most of the Competitors were asked to compete for a place after excelling at WorldSkills UK, which consists of a whole range of skills Competition activities, managed by the National Apprenticeship Service in partnership with organisations from industry and education.

You'll be amazed by the sheer scale of the Competition and talent of the Competitors. And in turn, we really hope you will feel inspired about your future career options.

WorldSkills London 2011 is split between the North and South Halls of the venue. The seven skills sectors are colour coded so you can easily recognise them. Within these sectors there are 46 skill competitions taking place over the four days.

Arts, Media & Publishing

Agriculture & Horticulture

**Engineering &
Manufacturing Technologies**

Retail & Commercial Enterprise

**Information &
Communications Technology**

Health, Public Services & Care

**Construction, Planning
& the Built Environment**

North Hall

Arts, Media & Publishing

- 11 Offset Printing
- 17 Web Design
- 27 Jewellery
- 31 Fashion Technology
- 40 Graphic Design Technology
- D1 Visual Merchandising

Agriculture & Horticulture

- 28 Floristry
- 37 Landscape Gardening

Engineering & Manufacturing Technologies

- 1 Polymechanics/Automation
- 3 Manufacturing Team Challenge
- 4 Mechatronics
- 5 Mechanical Engineering
Design – CAD
- 6 CNC Turning
- 7 CNC Milling
- 8 Mould Making
- 10 Welding
- 13 Autobody Repair
- 14 Aircraft Maintenance
- 16 Electronics
- 19 Industrial Control
- 23 Mobile Robotics
- 33 Automobile Technology
- 36 Car Painting
- 42 Construction Metal Work
- 43 Sheet Metal Technology
- D2 Creative Modelling

South Hall

Retail & Commercial Enterprise

- 29 Ladies'/Men's Hairdressing
- 30 Beauty Therapy*
- 32 Confectioner/Pastry Cook
- 34 Cooking
- 35 Restaurant Service

Information & Communications Technology

- 2 Information Network Cabling
- 9 IT Software Solutions
for Business
- 39 IT Network Systems
Administration

Health, Public Services & Care

- 41 Caring

Construction, Planning & the Built Environment

- 12 Wall & Floor Tiling
- 15 Plumbing & Heating
- 18 Electrical Installations
- 20 Bricklaying
- 21 Plastering & Dry Wall Systems
- 22 Painting & Decorating
- 24 Cabinetmaking
- 25 Joinery
- 26 Carpentry
- 38 Refrigeration
& Air Conditioning
- HM1 Stonemasonry

*2009 Sustainability Award Winner

2 Have a Go

You will be able to Have a Go at many of the skills featured in the WorldSkills London 2011 Competition.

There are six Have a Go areas located on your map.

A Have a Go is a bite-size taster of a skill. We want you to try your hand at these interactive activities and get a real feel for the skills involved.

There are hundreds of opportunities for you to get stuck in and Have a Go. These will help you understand, learn and find out more about the skills on show.

We've featured a few highlights on the next page, and you can find a full list on page 22.

Be one in a million with WorldSkills London 2011, Have a Go!

I AM...
READY TO
HAVE A GO

Have a Go – highlights

Engineering & Manufacturing Technologies

See if you can build a chair to support your weight out of cardboard

Arts, Media & Publishing

Have a Go and design a dress for 'The Only Way Is Essex' star Lauren Goodyer

Engineering & Manufacturing Technologies

Have a Go and try chocolate welding

Retail & Commercial Enterprise

Have a Go and discover the art of a perfect shave and how face mapping is used to improve women's make-up

Health, Public Services & Care

Experience how silent discos are used for health and fitness training

Construction, Planning & the Built Environment

Have a Go and build your own bedroom burglar alarm

Other

See what it takes to help carve the biggest rocking horse in the world

Come back on Saturday to try out more Have a Gos. You get free entry for you, your family and friends with your visitor pass.

3 Careers advice

Get the help you need.

We hope WorldSkills London 2011 inspires you to find out more about learning new skills and even making a career out of these skills.

There are advisers on hand throughout the venue to give you the help you need. You'll find them in the 'yellow zones' and they will be wearing black t-shirts with **I AM... IN THE KNOW.**

Sponsors in and around the competitions can also offer specialist help on how to get into your dream career or job.

You can also learn about the 46 competition skills by talking to the Experts from around the world. Look out for the information points that explain what's happening in each of the skill areas and the many and varied projects being completed by the Competitors.



Careers advice

You can also contact organisations providing careers advice and jobs after the event:

Apprenticeships

www.apprenticeships.org.uk



Apprenticeships

Careers Advice

0800 100 900

www.direct.gov.uk/nextstep

City & Guilds

www.cityandguilds.com/learners

City&
Guilds

Jobcentre Plus

www.direct.gov.uk/en/Employment/Jobseekers

jobcentreplus



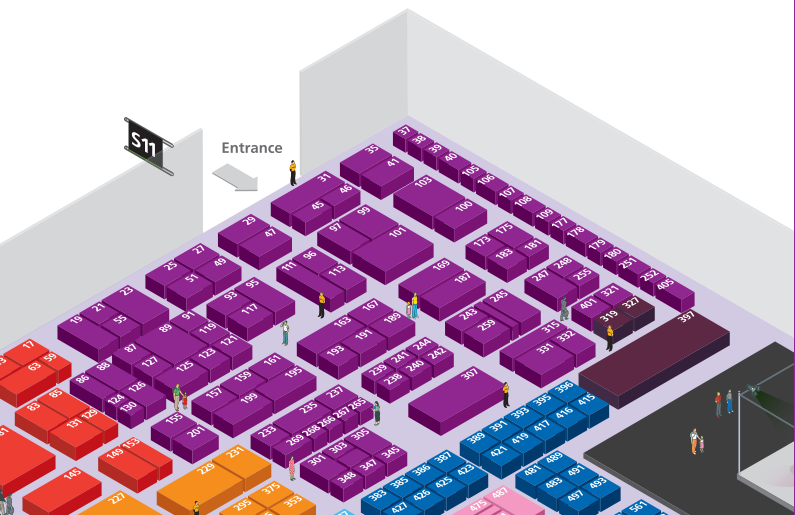
4 Make it Happen

Don't miss out – visit the Make it Happen exhibition. This is the place to turn your ideas into action!

More than 200 companies, countries/regions and organisations are taking part to help you find out about your dream career. Just stop by and have a chat with these top employers, colleges and advisers. They are looking forward to meeting you and telling you all about the many and varied employment, careers, training and job opportunities.

A more detailed plan of the Make it Happen exhibition is on the map at the back of this guide.

The Main Showcase Stage is also located in the Make it Happen exhibition where you will be entertained with music, dance, theatre and much more. See pages 18–21 for the Showcase timetable.



Make it Happen – Highlights

The BBC stand



The BBC is staging hands-on activities to inspire young people to think about their employability skills in the ‘Make it Happen’ area of WorldSkills, stand 397. Bringing popular shows such as Eastenders E20, Dragons’ Den and Epic Win to the exhibition, visitors will be able to join drop-in sessions and enjoy a variety of activities throughout the four days, as well as meeting some of the stars of the shows!

Youth on the Move

Find out about your chance to train in another European country with Apprenticeship and training exchange programmes with Youth on the Move

And... WorldSkills London 2011 is so big, that some things just won’t fit into the venue. Outside we also have...

A chance to go behind the scenes of The Royal Navy minesweeper HMS Brocklesby. Dockside

Watch the home of the future being built – the Eco House. West Entrance  **6**  Map reference

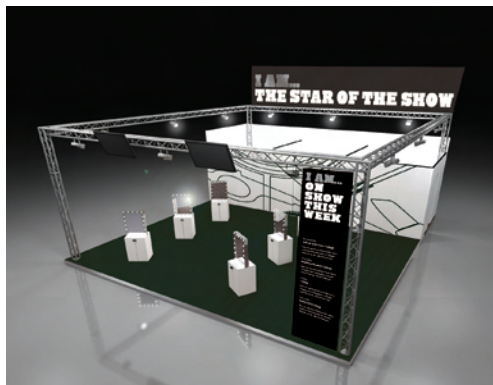
5 Showcase

More than 1,000 young people from over 75 schools, colleges, training organisations and community groups, from across the UK will Showcase their talents over the four days of WorldSkills London 2011.

With an exhaustive timetable of performances taking place right across ExCeL London, the guide on the next few pages will help you know what's on and when.

All the Showcases take place in the **Art, Media, Cookery, Heritage, Hair & Beauty or Science Technology, Engineering & Maths (STEM) areas**, or on the **Main Stage**, located in the Make it Happen exhibition.

For a day-to-day timetable of what's happening on the stages please see pages 18–21



These Showcases can be found throughout the venue and are available all day, everyday at the event. See pages 18–21 for the full timetable of Showcases across Stages 1–7.

Showcase title	Showcase organisation	Zone/Location
Art Exhibition	Ealing, Hammersmith & West London College	Art
Building Futures	Southern Regional College	Art
Communication or Miscommunication? You the viewer must decide	Coleg Glan Hafren	Art
Dealing with Diversity Display	Southern Regional College	Art
Distorted Reflections	Annesland College	Art
Elements Hairdressing Photo Competition	Stephenson College	Art
Exhibit A	Barking & Dagenham College	Art
Fair-trade Spoons	South Staffordshire College	Art
FEED Outline Art & Design	Birmingham Metropolitan College	Art
Foundation for the future	Strode College	Art
Luxury Sweetness – Graphic and Product Design	Amersham and Wycombe College	Art
Medal design Competition winners	WorldSkills London 2011	Art
Olympic Dreams	Amersham and Wycombe College	Art
Photography	North Warwickshire & Hinckley College	Art
Real Walsall	Walsall College	Art
Student Jewellery Design and Craft Display	Belfast Metropolitan College	Art
Youth, Work and Innovation in Salford	Salford City College	Art
Advertising – Media Services	North Warwickshire & Hinckley College	Media
Brooklands College Media Hub	Brooklands College	Media
Film & Television Production	Walsall College	Media
Film Making	Farnham Sixth Form College	Media
Light – works!	Grimsby Institute of Further & Higher Education	Media
Media Services	Barking & Dagenham College	Media
Photography	Bexley College	Media
Photography/Digital Story	Blackpool and The Fylde College	Media
Rapid Response	Hull College	Media
Thrills and Spills of WorldSkills London 2011	Coleg Menai	Media
A Moment in Time	Kendal College	Static Display
Bsix: Creative&Up-coming in East London	Bsix Sixth Form College	Static Display
Catwalk Creations	Havering College of Further and Higher Education	Static Display
Gwaith Gwyrdd (Green Works)	Coleg Harlech WEA(N)	Static Display
International Floristry	Barnfield College	Static Display
Pit Stop Challenge	Tresham College	Static Display
Professional Boatbuilding	Pembrokeshire College	Static Display
Sustainability Moderne	Chichester College	Static Display
Traditional Dinghy Boat Building	Marine Skills Centre, Southampton City College	Static Display
Vehicle Wrap	Walsall College	Static Display
What's Occurring	Coleg Menai	Static Display

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Presenting sponsor



DEBENHAMS



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Showcase listings

Wednesday 5 October

Main Showcase Stage

Performances throughout the day from 10.30 – 15.00. Exact timings are subject to change



Map reference

Hair & Beauty Feature Stage



Map reference

Cookery Feature Stage



Map reference

STEM Zone Presentation



Map reference

Presentation of IT projects, Farnham Sixth Form College (All day)

Crimes and Technological Advances Peterborough Regional College (All day)

Aircraft Engineering: On the ground and in the air, Hartlepool College of Further Education (All day)








Media Production. Brooklands College (All day)

Heritage Feature Stage








Map reference

The National School of Furniture, Oxford & Cherwell Valley College (All day)

Thursday 6 October		09.30	10.00	10.30	11.00	11.30	12.00	12.30	13.00	13.30	14.00	14.30	15.00	15.30
Main Showcase Stage Performances throughout the day from 10.30 – 15.00. Exact timings are subject to change			Singing and Signing; Blackpool College (10.30–10.45)		Belfast Metropolitan College Fashion Show (11.00–11.45)			Drill Display Team; Chesterfield College (12.00–12.10)	Welsh Noise; Coleg Menai (13.00–13.15)		Musical Theatre & Dance; Canterbury College (14.00–14.15)			
								Performance Video; City of Bath College (12.30–12.45)	West Thames College Catwalk Performance (13.30–13.45)		Dance and Makaton signing; Derwen College (14.30–14.45)			
Hair & Beauty Feature Stage 		Best of British Makeup Show; West Thames College (9.30–11.30)					Fashion and Media Makeup Showcase by Somerset College (11.30–13.30)				Central Hairdressing Group Demo & Catwalk (13.30–15.30)			
		Welsh Culinary Arts; Coleg Lladrillo (9.30–11.30)					A Welsh Lamb Master Class; Cambrian Training Company (11.30–13.30)		Mocktail Masterclass; Salford City College (13.00–14.30)					
STEM Zone 		Presentation of IT projects, Farnham Sixth Form College (All day)												
		Engineering & Electrical Installation, Sussex Downs College (All day)												
Heritage Feature Stage 		CSI Chichester, Chichester College (All day)												
		Media Production, Blackpool and the Fylde College (All day)												
		Tile Mosaic, Salford City College (All day)												
		The Learner's Journey in Carpentry and Joinery, Sussex Downs College (All day)												

[illegible]

Saturday 8 October		09.30	10.00	10.30	11.00	11.30	12.00	12.30	13.00	13.30	14.00	14.30	15.00	15.30
Main Showcase Stage Performances throughout the day from 10.30 – 15.00. Exact timings are subject to change 					Street Dance: Newham College (11.00–11.15)		Robin Hood: Highbury College Portsmouth (12.00–12.15)		Maps of Identity: Leeds City College (13.00–13.15)		Catwalk Show: College Ystrad Mynach (14.00–14.15)			
						Our Day Out: Peterborough Regional College (11.30 – 12.15)		Musical Theatre & Dance: Thanet College (12.30–12.45)		Dance show: Middlesbrough College (13.30–13.45)				
Hair & Beauty Feature Stage 		Burlesque Nail and Body Art showcase, by students from Salford City College (9.30–11.00)				Dress to Impress! Derby College (11.30–12.30)				Central Hairdressing Group Demo & Catwalk (13.30–14.30)				
			Sushi Making, Harrogate College (10.00–12.00)					The Pasta Show! Students from Havering College (12.30–14.30)						
Cookery Feature Stage 														
STEM Zone 		Interactive Computer Device, College of North West London (All day)												
		Second Life and Alternative Learning Technologies, Barnfield Federation (All day)												
Heritage Feature Stage 		Iron Casting, Coleg Sir Gar (All day)												
		Media production, Farnham Sixth Form College (All day)												
		Heritage Plastering, Barnfield Federation (All day)												
		Dry Stone Walling, Hartlepool College & Dry Stone Walling Association (All day)												

Have a Go listings

Skill	Have a Go Activity
Agriculture, Horticulture & Animal Care	
Landscape Gardening	Lay patios, turf & learn planting techniques
Floristry	Make your own button-hole
Arts, Media & Publishing	
Fashion Technology	Design a dress for a celebrity
Jewellery	Make your own jewellery
Graphic Design Technology	Dance in the Digital Forest!
Web Design	Create webpages and animations
Visual Merchandising	Create your own shop window
Construction, Planning & the Built Environment	
Carpentry	Experience core carpentry and joining techniques
Joinery	Centred around a sash window activity
Art	Be part of a compelling art installation
Plastering and Drywall Systems	Have a Go at fine plaster moulding, skimming and plaster application
Electrical Installations	Build your bedroom burglar alarm!
Cabinet Making	Make your own wooden box
Energy Awareness	Experience the Watt Bike Challenge
Painting and Decorating	Experiment with colour and various painting techniques
Creative modelling	Designing a kettle for the future
Refrigeration and Air Conditioning	Experience the ice rink!
Bricklaying	Experience different bricklaying techniques
Plumbing and Heating	Build and test a push-fit plumbing system
Carving	Came part of the biggest rocking horse in the world!
Stone Masonry	Fashion your own monument from natural stone
Wall and Floor Tiling	Help tile the WorldSkills Union Jack!
Engineering & Manufacturing Technologies	
Sheet Metal Technology	Build your own miniature metal plane
Mechanical Engineering Design – CAD	Have a Go at a variety of Autodesk applications
Manufacturing Team Challenge	Steering wheel stitching, clay wheel making and rockershaft assembly
Mechatronics	Operate a sophisticated robot around a track

Skill	Have a Go Activity
Automobile Technology	Experience the pit-stop challenge and Borescope
Autobody Repair	Re-align a car
Welding	Experience chocolate and virtual welding
Industrial Electronics	Make a badge & electronic circuit board
Mobile Robotics	Build and test your own Lego robot
Mould Making/CNC Milling/CNC Turning	Create a mould using CNC technology to form a trinket box or car
Science and Engineering	Design and make a chair entirely out of cardboard
Industrial Control	Experience the virtual pendulum, the conveyor belt and car safety test
Car Painting	Have a Go at airbrushing and virtual car painting
Engineering	Have a Go at the 'Breaking Eggsperiment!'
Health, Public Services & Care	
Caring	Health and fitness training with a 'Silent Disco'
Caring	First Aid – bandaging techniques and CPR
Information & Communications Technology	
IT/Software Solutions for Business	Network cable building, with 3D TV and 'Relax to Win' games
Information Network Systems Administration	Solve the mystery of the network that won't work!
Information Network Cabling	Experience the testing centre, fusion splicing and cable building
Retail & Commercial Enterprise	
Beauty Therapy	Face mapping, hand massages and shave solutions
Beauty Therapy	Minx Nails, Chocolate Therapy and make-overs
Beauty Therapy	Have a Go at nail art
Ladies'/Men's Hairdressing	Try various hairdressing and experiment with your own virtual hairdresser
Hospitality	Try the omelette challenge, restaurant obstacle course and daily special!
Eco House	Watch the home of the future being built
The Armed Forces	Live a life without limits! Ship tour with The Royal Navy and HMS Brocklesby

The award winning Galaxy SII. Now in White.

Faster

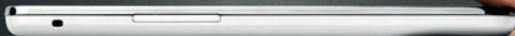
Dual Core Processor



Screen images simulated. ©2011 Samsung Electronics Co. Ltd. Comparisons made to Samsung Galaxy S Smartphone.

Slimmer

8.49mm Slim Design



Brighter

SUPER
AMOLED Plus



Read the reviews: it's all in black and white at samsung.com/uk/galaxys2



Samsung
GALAXY S II

SAMSUNG



world**skills**uk

Do you know an ambitious and talented young person?

Like what you've seen today and know someone who should be involved? Then let's get them started on the journey to success! Skills competitions offer significant benefits to everyone involved and are a great way to boost professional skills.

Register your interest and find out more about the next cycle of national competitions at the WorldSkills UK stand (look for WorldSkills UK on the event map) at WorldSkills London 2011, or please visit us at **worldskillsuk.org**

**I AM
THE
NEXT
BIG
THING**