



worldskills
Lyon2024



47TH
WORLD SKILLS
COMPETITION



Pearson

Official partner
of Team UK

WorldSkills Lyon 2024



worldskillsuk



Funded by
UK Government



© Tristan Deschamps

47TH
WORLDSKILLS
COMPETITION

FOREWORD

Good luck Team UK

On behalf of everyone at WorldSkills UK, I want to wish Team UK the very best of luck as they embark on their journey to WorldSkills Lyon 2024 where they will compete against the best young professionals from across six continents.

We are thrilled to join forces with Pearson to take Team UK to WorldSkills Lyon 2024. Together, we will highlight Team UK's incredible achievements, underscoring the value and prestige of world-class skills. Team UK exemplify the pinnacle of UK skills. They stand as role models, proving that technical skills are not only a source of pride but also gateways to extraordinary careers and vital for our economy.

Team UK will compete in 27 different skill areas from cooking to industrial robotics, all supported by our exceptional, world leading team of Training Managers. Notably, for the first time, we will be entering Additive Manufacturing and Renewable Energy – skills that will be vital in the UK's transition to net zero.

WorldSkills Lyon 2024 also provides a unique platform to exchange information on the latest standards in technical education with international employers and world-leading trainers from over 80 countries to help us inform how skills are delivered in the UK.

Whether you're coaching, training, supporting, or information gathering we're delighted to welcome you to Lyon. It promises to be an unforgettable experience and one that we will ensure has a legacy of improved technical training right across the UK, so that thousands more young people can benefit from the WorldSkills movement.

And finally, to our competitors, as you step onto the world stage at WorldSkills Lyon 2024, remember that it is your dedication, passion, and relentless pursuit of excellence that have brought you to this moment. We are all incredibly proud of you and can't wait to see you represent the UK on the global stage.

Thank you to Pearson for supporting Team UK and to everyone who has been involved in the UK delegation to WorldSkills Lyon 2024.



Ben Blackledge
Chief Executive,
WorldSkills UK



© Krom Galerie

Welcome to WorldSkills Lyon 2024!

Good luck to all our 'Skills Olympians'! You have already achieved great mastery of your trade, and we are all cheering you on as you represent the UK on the world stage in Lyon.

We at Pearson are proud to partner with WorldSkills UK because we see every day the power of skills to transform lives and economies. As the UK's largest awarding organisation, we offer a wide range of qualifications designed for young people to achieve mastery and pursue fulfilling careers aligned to the needs of the modern workforce and economy.

One in five of the working-age population in the UK has one of our BTECs, and I know that many of our UK competitors have been awarded BTECs in recent years. Our delivery of vocational and general qualifications, Credly digital badging, Faethm workforce forecasting, and much more gives us a unique view of the skills profile of the UK, and we can see the positive impact that the skills being represented at WorldSkills this year have.

As we cheer on our 'Skills Olympians,' let's remember these young professionals highlight the skills needed to resource our future workforce, drive our economies, and enable people to flourish.

I hope that all of our skills Olympians enjoy their visit to Lyon. I look forward to seeing you there.



Freya Thomas Monk
Managing Director,
Vocational Qualifications
& Training, Pearson



© Yanis Ourabah



© Gaël Fontaine

From around the United Kingdom

“I want to congratulate these talented young people who have been chosen to represent Team UK and show off the world-beating skills of our students and apprentices.

“To represent your country is an honour and a privilege, but also a reflection of the hard work and dedication you have all shown.”

“Our competitors should be extremely proud of what they have achieved so far. Their success clearly demonstrates the wealth of talent we have. I wish them every success as they embark on this exciting venture.”

“It is also great to see our further education colleges, training organisations, universities and employers being represented on the global stage. It is testament to the diversity of the training offering available locally.”



Baroness Smith
Skills Minister



Conor Murphy
Economy Minister,
Department for the
Economy, Northern Ireland



Ken Skates
Welsh Government Cabinet
Secretary for the Economy,
Transport and North Wales



Graeme Dey
Higher and Further
Education Minister,
Scottish Government

“Wales is celebrating our six young people and the wider Team UK members representing their country in WorldSkills Lyon. They brought their A-game and demonstrated their dedication to their chosen fields under intense pressure in the qualifying events. Now they have to do it all again – this time on an international stage.

“I wish them all the very best of luck. Do your best, you will do us proud. Pob lwc, pawb.”

“Being selected to represent Team UK in this prestigious world event in Lyon is an immense achievement for the four students from Scotland’s colleges who triumphed at the national finals. Each and every one of them has worked incredibly hard to get this far and has a bright future ahead of them.

“I have no doubt that they will do the country proud and showcase the best that our world class colleges have to offer on the global stage. I wish everyone the very best of luck.”

We are Team UK



We extend our heartfelt gratitude to our Experts and Performance Coaches. Their dedication, commitment, and professionalism are the driving forces behind our training programmes and our work in international benchmarking.

We also express our sincere thanks to the training providers, colleges, and employers of Team UK for their unwavering support of our participation in the WorldSkills Competition.

Additionally, we are immensely grateful to the organisations that generously provide equipment, materials, and training facilities for our development programmes. Your contributions are invaluable to our success.



Scan the QR code to connect with us and stay updated on key activities, events, and exclusive insights into our journey...



Pearson

Official partner
of Team UK

WorldSkills Lyon 2024



Funded by
UK Government

CONSTRUCTION AND BUILDING TECHNOLOGY



CABINET MAKING

STAND 24-25



COMPETITOR

Isaac Bingham

Southern Regional College
From: Rathfriland, Newry, Northern Ireland
Employer: Monkeywood



EXPERT

Christian Notley MBE

Employer: WorldSkills UK



DIGITAL CONSTRUCTION

STAND 58



COMPETITOR

Isabelle Barron

Sheffield Hallam University
From: Clitheroe, Lancashire, England
Employer: WSP



EXPERT

Michael McGuire

Employer: Glasgow Caledonian
University

CONSTRUCTION AND BUILDING TECHNOLOGY

CONSTRUCTION AND BUILDING TECHNOLOGY



ELECTRICAL INSTALLATION

STAND 18



COMPETITOR

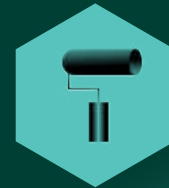
Daniel Knox

South West College
From: Enniskillen, Northern Ireland
Employer: GP Electrical and Security LTD

EXPERT

Geoff Shaw

Employer: Cardiff and Vale College



PAINTING AND DECORATING

STAND 22



COMPETITOR

Dior Regan

Lincoln College
From: Lincoln, England
Employer: Lindum Group

EXPERT

Mike Swan

Employer: Dundee and Angus College



JOINERY

STAND 24-25



COMPETITOR

Harry Scolding

Solihull College
From: Solihull, England
Employer: HDS Joinery

EXPERT

Andrew Pengelly

Employer: Chichester College Group



PLUMBING AND HEATING

STAND 15



COMPETITOR

Ruben Duggan

Coleg Y Cymoedd
From: Manmoel, Caerphilly, Wales
Employer: Powerserv LTD

EXPERT

Ronnie Ferris

Employer: Self employed

CONSTRUCTION AND BUILDING TECHNOLOGY



REFRIGERATION AND AIR CONDITIONING

STAND 38



COMPETITOR

Luke Haile

Eastleigh College
From: Lee-on-the-Solent, England
Employer: Lightfoot Defence

EXPERT

Mark Forsyth

Employer: Coriolis International

CREATIVE ARTS AND FASHION



3D DIGITAL GAME ART

STAND 50



COMPETITOR

Yasmin George

City of Glasgow College
Glasgow Caledonian University
From: Glasgow, Scotland

EXPERT

Ben Elson

Employer: UCEN Manchester

INFORMATION AND COMMUNICATION TECHNOLOGY



CYBER SECURITY

STAND 54



EXPERT

Kamadchisundaram Sureshkumar (Suresh)

Employer: Arden University



STAND 54



COMPETITOR

Max Clarke

University of South Wales
From: Swindon, England
Employer: Prolix



COMPETITOR

Arron Luker

University of South Wales
From: Swindon, England
Employer: SudoCyber Limited



INFORMATION AND COMMUNICATION TECHNOLOGY

IT NETWORK SYSTEMS ADMINISTRATION

STAND 39



COMPETITOR

Finley Graham

City of Glasgow College
Glasgow Caledonian University
From: Airdrie, Scotland



EXPERT

Nitheesh Kaliyamurthy

Employer: University of Wales
Trinity Saint David



STAND 17

WEB TECHNOLOGIES



COMPETITOR

Mark Kiss

(BTEC in Information Technology)
United Colleges Group
From: London, England



EXPERT

Valentin Adamescu

Employer: University of Portsmouth

MANUFACTURING AND ENGINEERING TECHNOLOGY

MANUFACTURING AND ENGINEERING TECHNOLOGY



ADDITIVE MANUFACTURING

STAND 57



COMPETITOR

Oscar McNaughton

University of Wales Trinity St David
From: Vale of Glamorgan, Wales

EXPERT

Bryn Jones

Employer: Coleg Menai



CNC MILLING

STAND 07



COMPETITOR

Alex Whitemore

(Former Apprentice) Babcock International
From: Plymouth, England
Employer: Babcock International

EXPERT

Adam Youens

Employer: Coleg Cambria



CHEMICAL LABORATORY TECHNOLOGY

STAND 52



COMPETITOR

Kasia Gierek

(Degree apprentice) Manchester Metropolitan University
From: Warrington, England
Employer: Italmatch Chemicals

EXPERT

Michael Hughes

Employer: The University of Manchester



ELECTRONICS

STAND 16



COMPETITOR

Michael Crilley

(Apprentice) Gloucestershire Engineering Training
From: Stroud, England
Employer: Custommade Group

EXPERT

Steve Williams

Employer: Gower College

MANUFACTURING AND ENGINEERING TECHNOLOGY

MANUFACTURING AND ENGINEERING TECHNOLOGY



INDUSTRY 4.0

STAND 48



EXPERT

Marcin Regulski

Employer: WAGO UK & Ireland



STAND 48



COMPETITOR

Simonas Brasas

(BTEC in Engineering) Barking and Dagenham College, Kingston University
From: Kingston Upon Thames, England



COMPETITOR

Mikhaela Rain Roy

Middlesex University
From: London, England



MECHATRONICS

STAND 04



EXPERT

Calum Knott

Employer: Didactic Services Ltd



STAND 04



COMPETITOR

Ben Love

(Apprentice, BTEC in Engineering)
Tameside College
From: Astley, Greater Manchester, England
Employer: Siemens



COMPETITOR

Lucy Yelland

(Apprentice, BTEC in Engineering)
Tameside College
From: Newcastle-Under-Lyme, England
Employer: Siemens

MANUFACTURING AND ENGINEERING TECHNOLOGY

MANUFACTURING AND ENGINEERING TECHNOLOGY



MECHANICAL ENGINEERING: CAD

STAND 05



COMPETITOR

Nathan Young

New College Lanarkshire,
University of the West of Scotland
From: East Kilbride, Scotland

EXPERT

Ryan Sheridan

Employer: New College Lanarkshire



ROBOT SYSTEMS INTEGRATION

STAND 63



EXPERT

Karla Kosch

Employer: Northern Regional College

COMPETITOR

Charlie Carson

(BTEC in Engineering) Northern Regional
College, University of Ulster
From: Ballymoney, Northern Ireland



RENEWABLE ENERGY

STAND 62



COMPETITOR

Danny McBean

(Former apprentice) UHI Moray / SECTT
From: Elgin, Scotland
Employer: Grants (Dufftown)

EXPERT

Chris Turnbull

Employer: Didactic Services Ltd



STAND 63



WELDING

STAND 10



COMPETITOR

Jason Scott

(BTEC in Engineering) Northern
Regional College
From: Magherafelt, Northern Ireland
Employer: AES Global

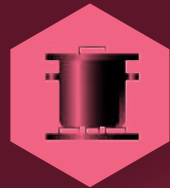
EXPERT

Carl Parrish

Employer: Coleg Cambria

SOCIAL AND PERSONAL SERVICES

SOCIAL AND PERSONAL SERVICES



COOKING

STAND 34-35



HEALTH AND SOCIAL CARE

STAND 41



COMPETITOR

Oska Ready

DN College Group
From: Doncaster, England
Employer: DN1 Delicatessen & Dining

EXPERT

Sean Owens

Employer: Ulster University

COMPETITOR

Edie Hanna

(BTEC in Health and Social Care) Sheffield College, Manchester Metropolitan University
From: Sheffield, England

EXPERT

Sau Man Li

Employer: Self Employed – JS Consultants



HAIRDRESSING

STAND 29



RESTAURANT SERVICES

STAND 34-35



COMPETITOR

Charlotte Lloyd

(Apprentice) Reds Hair Company
From: Ross-on-Wye, England
Employer: Reds Hair Company

EXPERT

Linzi Weare

Employer: Reds Hair Company

COMPETITOR

Ruby Pile

(BTEC in Hospitality Management) Cardiff and Vale College
From: Newport, Wales
Employer: Lucknam Park Hotel and Spa

EXPERT

Shyam Patiar MBE

Employer: Self Employed – SP International Hospitality Consulting Services Limited (SPIHC LTD.)

TRANSPORTATION AND LOGISTICS



AIRCRAFT MAINTENANCE

STAND 14



COMPETITOR

Rosie Boddy

(Former apprentice, BTEC in Aeronautical Engineering) Coleg Cambria
 From: Broughton, Flintshire
 Employer: Coleg Cambria

EXPERT

James Callaghan

Employer: Royal Navy



AUTOBODY REPAIR

STAND 13



COMPETITOR

David McKeown

(Former apprentice) Riverpark Training
 From: Ballymena, Northern Ireland
 Employer: James McKeown Accident Repair

EXPERT

James Bown

Employer: Self Employed
 – End Point Assessor for the IMI
 (Institute of the Motor Industry)

TRANSPORTATION AND LOGISTICS



CAR PAINTING

STAND 36



COMPETITOR

Miguel Harvey

(Former apprentice)
 Steer (Stratford-Upon-Avon)
 From: Stratford-Upon-Avon, England
 Employer: Steer (Stratford-Upon-Avon)

EXPERT

Rich Wheeler

Employer: Coleg Gwent

WORLDSKILLS UK DELEGATION



Hannah Sheehan
Official Delegate.
Director, Skills Group,
Department for Education.



Parisa Shirazi
Technical Delegate.
Director of Standards,
WorldSkills UK.



Jeanette Prole
Technical Delegate Assistant.
Senior International
Development Manager,
WorldSkills UK.



Marion Plant OBE
Chair, WorldSkills UK.
Principal and Chief Executive
North Warwickshire and
South Leicestershire College.



Ben Blackledge
Chief Executive,
WorldSkills UK.



Emma Roberts
Communications Officer.
Director of External Affairs,
WorldSkills UK.



Shereen Syed
Member Support Officer.
International Development
Manager, WorldSkills UK.



Chris Herron
Member Support Officer.
International Development
Manager, WorldSkills UK.



Bianca Jakubowski
Member Support Officer.
International Development
Coordinator, WorldSkills UK.



Louise Kerr
Team Leader
(Performance Psychologist)



Lyle Kirkham
Team Leader
(Performance Psychologist)



Nikita Hall
Team Leader
(Health & Wellbeing)



Pami Johal
Team Leader
(Health & Wellbeing)



LYON 2024

TIMETABLE OF EVENTS

OPENING CEREMONY*

When: 10 September 2024

Where: LDLC Arena, Lyon's largest event venue

How can I get there?

By public transportation: Lyon's public transport network (TCL) provides daily access to the OL Arena via:

Tramway T7 to the "Décines OL Vallée" stop
Tramway T3 to the "Décines Grand Large" stop, then bus 85 to the "Décines OL Vallée" stop

By car: The LDLC Arena has its own parking lot, where visitors can park free of charge

By bike or scooter: Free parking for two-wheelers (non-motorized) is available near the OL Arena

COMPETITION DAYS

When: 11–14 September 2024

CLOSING CEREMONY AND FAREWELL PARTY*

When: 15 September 2024

Where: OL Stadium, France's 3rd largest stadium

How can I get there?

By public transportation: Lyon's public transport network (TCL) provides daily access to the OL Stadium via:

Tramway T7 to the "Décines OL Vallée" stop.
Tramway T3 to the "Décines Grand Large" stop, then bus 85 to the "Décines OL Vallée" stop.

By car: The OL Stadium has its own parking lot, where visitors can park free of charge.

By bike or scooter: Free parking for two-wheelers (non-motorized) is available next to the OL Stadium.

Farewell Party

The WorldSkills Lyon 2024 Farewell Party will take place at the OL Arena on 15 September 2024, after the Closing Ceremony.

* Ticket booking is required for ceremonies. Please scan to book your tickets on the site below:
worldskills2024.com/en/ceremonies-tickets

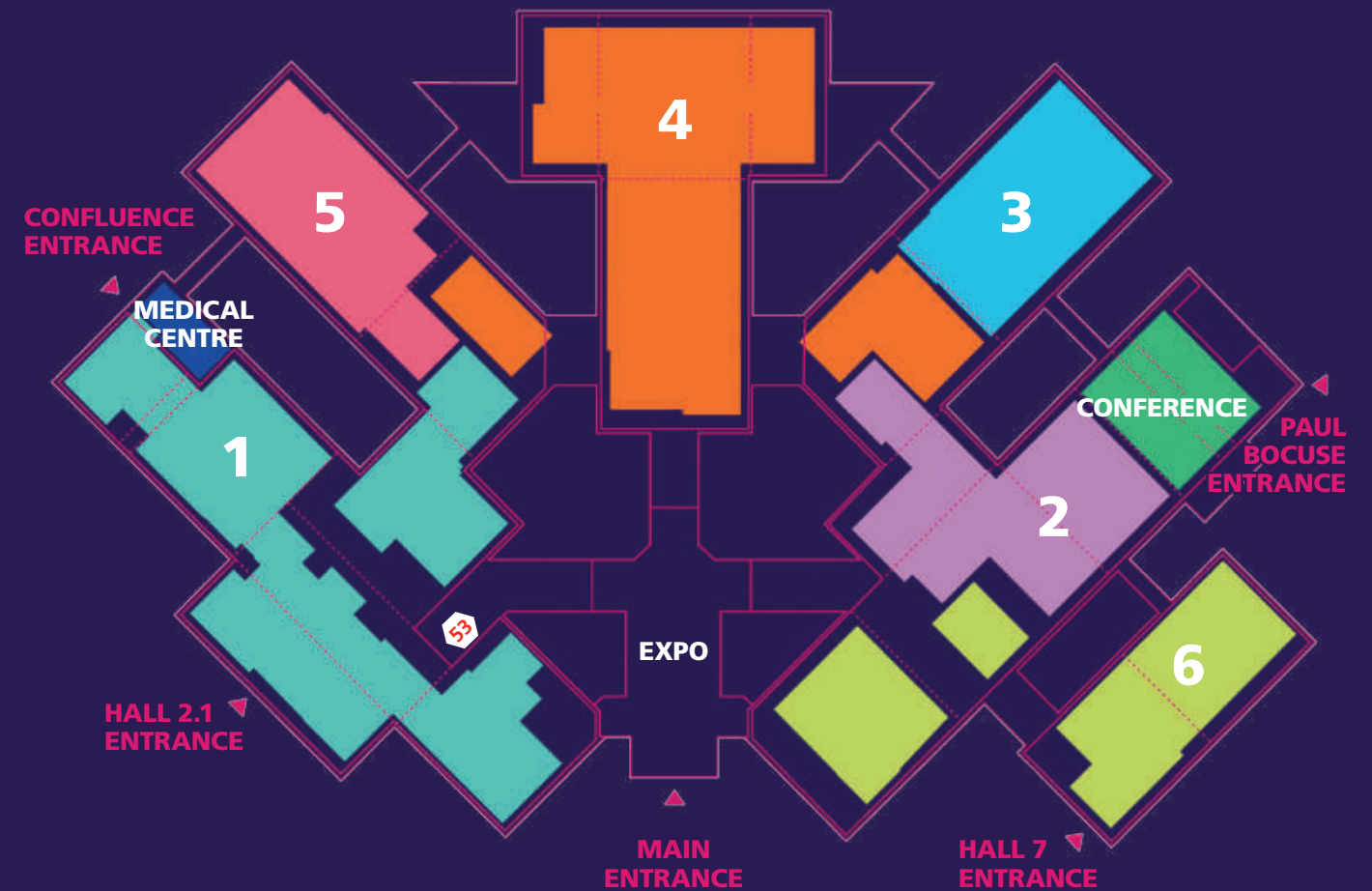


COMPETITION RULES FOR VISITORS

WorldSkills UK is hugely grateful of your support for Team UK and asks for all supporters to abide by the WorldSkills International Rules to ensure a fair and enjoyable competition for all:

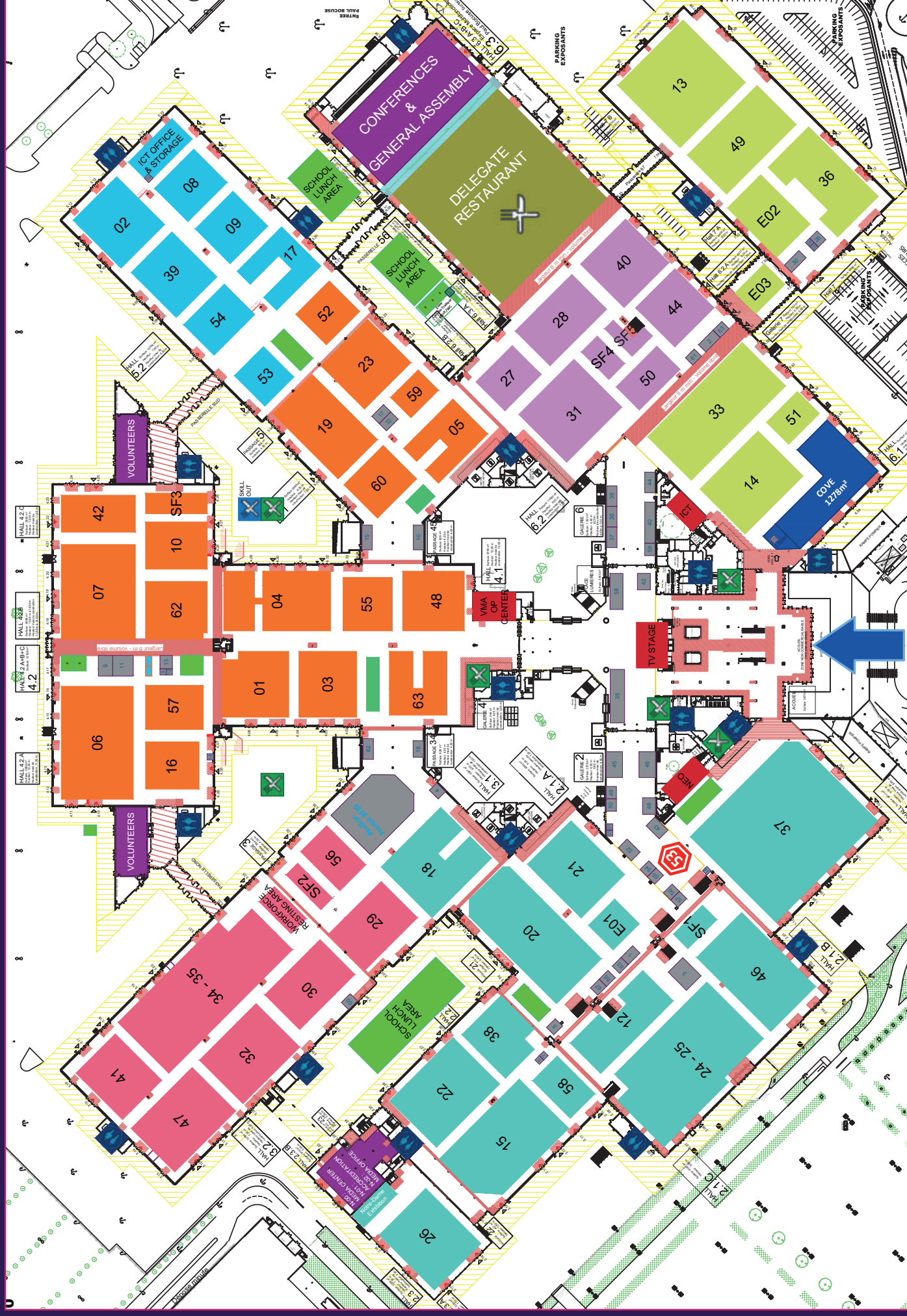
- Interference by visitors that may hinder or assist a competitor in the completion of their competition project is forbidden and may result in that competitor being disqualified.
- During the formal competition time, visitors are not allowed to talk to competitors. Failure to comply with this, may result in that competitor being disqualified.
- Visitors are not allowed to hand anything over the competition barriers to competitors at any time.
- Please do not stand at the competition barrier for long periods of time as this can be distracting for competitors and you may be asked to leave the venue.
- Whilst we encourage and value your support during competitions, we discourage you visiting the competitors at their hotel. Please allow competitors the space to be part of Team UK and access the benefits of the team's programme of activity at the competition.
- We hope you appreciate the need to comply with the above as failure to do so could result in a competitor being disqualified from the Competition.

THE VENUE SECTOR LOCATIONS



- 1 CONSTRUCTION AND BUILDING TECHNOLOGY**
- 2 CREATIVE ARTS AND FASHION**
- 3 INFORMATION AND COMMUNICATION TECHNOLOGY**
- 4 MANUFACTURING AND ENGINEERING TECHNOLOGY**
- 5 SOCIAL AND PERSONAL SERVICES**
- 6 TRANSPORTATION AND LOGISTICS**
- 53 TEAM UK EXHIBITION STAND**

COMPETITION LOCATIONS



© PLOT events Lyon

CONSTRUCTION AND BUILDING TECHNOLOGY

Bricklaying	20
Cabinetmaking and Joinery	24-25 TEAM UK
Carpentry	26
Concrete Construction Work	46
Digital Construction	58 TEAM UK
Electrical Installations	18 TEAM UK
Landscape Gardening	37
Metal Roofing	SF1
Painting and Decorating	22 TEAM UK
Plastering and Drywall Systems	21
Plumbing and Heating	15 TEAM UK
Refrigeration and Air Conditioning	38 TEAM UK
Stonemasonry Technology	E01
Wall and Floor Tiling	12

CREATIVE ARTS AND FASHION

3D Digital Game Art	50 TEAM UK
Fashion Technology	31
Floristry	28
Graphic Design Technology	40
Jewellery	27
Leather Fashion	SF4
Visual Merchandising	44
Wickerwork	SF5

INFORMATION AND COMMUNICATION TECHNOLOGY

Cloud Computing	53
Cyber Security	54 TEAM UK
Information Network Cabling	02
IT Network Systems Administration	39 TEAM UK
IT Software Solutions for Business	09
Mobile Application Development	08
Web Technologies	17 TEAM UK

MANUFACTURING AND ENGINEERING TECHNOLOGY

Additive Manufacturing	57 TEAM UK
Autonomous Mobile Robotic	23
Chemical Laboratory Technology	52 TEAM UK
CNC Milling	07 TEAM UK
CNC Turning	06
Construction Metal Work	42
Electronics	16 TEAM UK
Industrial Control	19
Industrial Design Technology	59
Industrial Mechanics	01
Industry 4.0	48 TEAM UK
Manufacturing Team Challenge	03
Mechanical Engineering CAD	05 TEAM UK
Mechatronics	04 TEAM UK
Optoelectronic Technology	60
Renewable Energy	62 TEAM UK
Robot Systems Integration	63 TEAM UK
Sheet Metal Technology	SF3
Water Technology	55
Welding	10

SOCIAL AND PERSONAL SERVICES

Bakery	47
Beauty Therapy	30
Butchery	SF2
Cooking and Restaurant Service	34-35 TEAM UK
Patisserie and Confectionery	32
Hairdressing	29 TEAM UK
Health and Social Care	41 TEAM UK
Hotel Reception	56

TRANSPORTATION AND LOGISTICS

Aircraft Maintenance	14 TEAM UK
Autobody Repair	13 TEAM UK
Automobile Technology	33
Car Painting	36 TEAM UK
Freight Forwarding	51
Heavy Truck Maintenance	E02
Heavy Vehicle Technology	49
Rail Vehicle Technology	E03

TEAM UK EXHIBITION STAND





WorldSkills UK
332 Third Floor
25 Wilton Road
London SW1V 1LW

T: 0800 612 0742
E: getintouch@worldskillsuk.org



worldskillsuk.org