

The Regional
**STEM CONFERENCE
& Exhibition for Lincolnshire**

In partnership with 
**UNIVERSITY
OF HULL**

2023

Supported by



Conference Foreword

Jordan Brompton, myenergi

When we founded myenergi in 2016, we didn't have a big team, a state-of-the-art facility, a global distribution network or an endless pot of money. What we did have, however, was a burning passion for innovation, a drive to create a better future and real belief in what we were trying to achieve.

After all, the world is changing quickly. By 2035, our day-to-day lives will look almost unrecognisable. The innovation of yesterday is struggling to keep up and we need new ideas to take us forward. From what we eat and what we wear, to how we travel and everything in between, it's up to all of us to take up the gauntlet.

As society transitions away from fossil fuels and towards the zero-carbon world of tomorrow, our ambition is to create a new generation of technologies to make sustainable living simple and achievable. We want to make a difference, we want to challenge convention and we want to leave the planet in a better place than how we found it.



But while the story of myenergi sounds like a fairytale, our journey has been littered with challenges, obstacles, hurdles and setbacks. Rather than a blueprint of business success, we hope our story acts as a reminder of what's truly possible if you work hard, never give up and take every day as it comes.

Having decided to go into business together, my co-founder Lee and I sunk our life savings into building myenergi from the ground up. The first product prototype took almost a year to develop and, by this point, the money had all but run out.

To keep our dream alive, we ran a crowdfunding round. The target was £40,000, but we only just reached £10,000. We were out of money and we were running out of time.

The turning point came when I met TV personality Robert Llewellyn at a trade event on the Orkney Islands. He had just started a small channel on YouTube – Fully Charged – and was captivated by what we were trying to achieve. He filmed a special episode and, from that day forward, the phone began to ring. We soon attracted the attention of investors, who really understood what we were trying to achieve. They liked our determination, our passion, our enthusiasm and our commitment to change. They gave us the opportunity and the finances we needed to take the business to the next level.

Since then, we've grown from a small team manufacturing products by hand and shipping them to customers through the local Post Office, to one of the UK's fastest-growing tech firms employing more than 400 team members and operating subsidiaries all over the world. We've developed a pioneering suite of eco-smart home energy tech and we've built a loyal global customer base – all from our HQ in Stallingborough.

Through it all, we've stayed true to our roots. We believe that Grimsby is a hub for innovation and home to the talented team members of tomorrow. Last year we officially opened the 'myenergi academi', which runs apprenticeship programmes and internships across a range of departments. It's primarily designed for school, college and university leavers looking to kick-start their career, but also career-changers who are looking to enter the green-tech space.

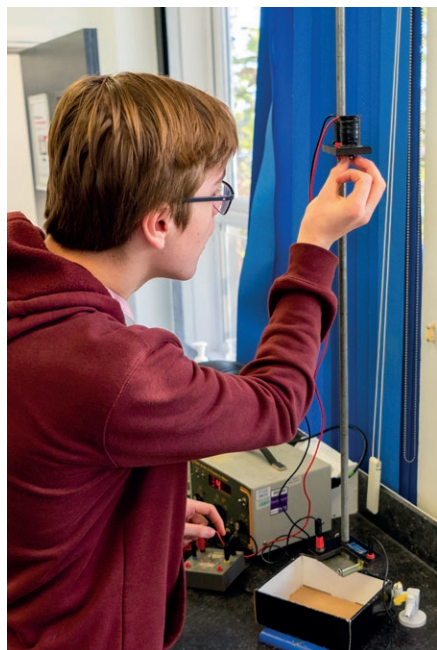
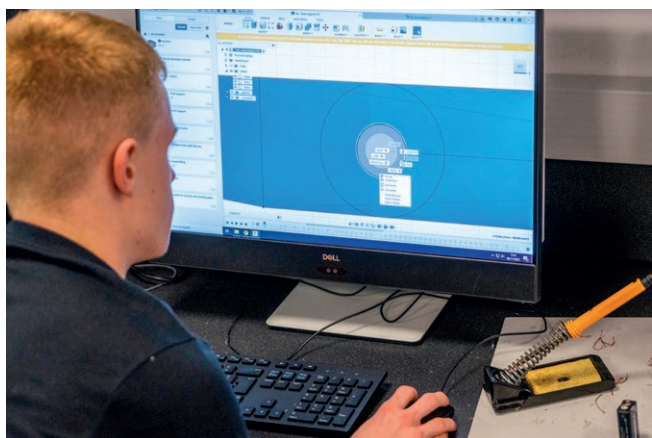
We even have a dedicated careers website that gives a greater insight into who we are and publicises our latest job opportunities. We know that the future of clean and green technology in the UK, from electric cars to decarbonised homes, will rely on a talented and skilled workforce, including electricians, plumbers and engineers who will be the human powerhouse deploying the technologies we will need to hit our Net Zero targets.

As you start to think about your future careers, make this year's STEM Conference your opportunity to listen, learn and ask the questions to help you take your next step. If you're motivated, enthusiastic and committed, you're the perfect candidate for a role in STEM. Don't be ashamed to show your passion, work on your personal profile or celebrate your successes. Be the person that others look up to – I promise it's the best thing you can do for your career.

Jordan Brompton - Co-founder and Chief Marketing Officer



myenergi



Conference Welcome Peter Kennedy

Principal, Franklin Sixth Form College



We are delighted to welcome you to the 4th annual regional STEM conference and exhibition. This year, due to its popularity, we welcome more schools and more young people to Franklin. I want to thank, in particular, the University of Hull for their support and sponsorship in bringing this event to life, in addition to our exhibitors who are delivering workshops today.

The importance of STEM locally, regionally and nationally cannot be overstated and we are lucky to have some of the best and most important universities and employers working with us to help young people understand the exciting opportunities available to them now and in the future. A report in 2022 from the UK Commission for employment and skills said 43% of STEM vacancies are hard to fill with a shortage of applicants. Science, Technology, Engineering and Maths are critical to our future.

Our STEM conference and exhibition is a key feature of our year, and as a scientist myself it is wonderful to welcome all the exhibitors, students, staff and employers to the College and see the huge range of options explored by, and available to our young people. Franklin Sixth Form College is the ideal home for this event; a college of its community with student performance topping the regional league tables.

We hope you take full advantage of the vast array of workshops that are available, ask questions and find out about the exciting opportunities that the local and wider area has to offer. Following on from this we welcome you to our annual Careers and Progression event where there will be 80 exhibitors available to discuss employment and apprenticeship opportunities and talk to the universities about higher education.

Working with key local and regional employers and stakeholders, Franklin developed their nationally-recognised Centre for Professional Development (CfPD), a unique approach to brokering synergies between employer needs and the skills of talented local young people.

'One of the most innovative & successful initiatives in the college sector.'

James Kewin, Deputy Chief Executive, Sixth Form Colleges Association

The CfPD, has a dedicated team focused on building relationships with employers and universities, equipping students with impartial CEIAG, enrichment opportunities, work experience, internships, mentoring, working lunches, employer visits and guest speakers from universities and employers.

Within the CfPD sits our Franklin Professionals Programme which consists of several programmes, specifically focused on career pathways linked to the local area. One element, our Career Ready programme, is designed to raise student aspirations and link them to the world of work. Students with an interest in STEM, Health & Social Care, Business & Logistics and Law can take part and benefit from a professional mentor, attend industry masterclasses & visits and have an internship over the summer with the aim of increasing students' awareness of these sectors and understanding the skills, knowledge and behaviours needed to enter them. Those interested in applying to medicine, veterinary science and dentistry can join our Aspiring Future Medics.



Gatsby Benchmarks

The Careers Strategy states that all schools and colleges should be working towards achieving all 8 of the Gatsby benchmarks.

From engaging with us and joining our STEM conference we will help you achieve the following benchmarks;

Benchmark 2

Learning from career and labour market information. Students will have access to a wide range of different industries and organisations and have up to date information of the labour market and available careers.

Benchmark 3

Addressing the needs of each pupil. The conference will challenge stereotypical thinking and raise aspirations.

Benchmark 4

Linking curriculum learning to careers. Each student will have access to learn about the different careers within STEM and how to gain entry into a wide range of careers. Using real life contexts and examples from the world of work to make subjects more relevant, motivate students and raise their aspirations.

Benchmark 5

Encounters with employers and employees. At the STEM conference there will be a wide range of different organisations present and even more at our Progression event in the evening. Students are given the opportunity to have multiple encounters with employers, finding out about employment and the skills that are valued in the workplace.

Benchmark 7

Encounters with further and higher education. Students will have the chance to speak to a number of universities and apprenticeship providers.



UNIVERSITY OF HULL

University is a place to feed the heart and the head. Somewhere to develop yourself personally, socially, academically. It's where you find friends for life. Where you say yes to every opportunity and do things you never dreamed of. It's your key to a brilliant future.



The University of Hull has been changing the way people think for almost 100 years. One of England's oldest universities, we have a proud heritage of academic excellence and working to make the world a better place.

Motivated by society's challenges, and inspired by the power of our global community, the University of Hull is shaping a fairer, brighter and carbon neutral future. Our research makes a real difference to all our lives, and tackles some of the planet's greatest threats head on.



The Faculty of Science and Engineering and the Faculty of Health Sciences are home to research centres specialising in astrophysics and advanced materials, palliative health care and cancer treatments, estuarine and coastal environments, flood resilience and aquatic resource management and conservation. They are home to state-of-the-art Engineering and Robotics labs, a fully functional simulated hospital environment, and a wealth of employer placement opportunities in the region to improve the prospects of students.





Working together

The University of Hull is proud to work in partnership with Franklin College.

We support students throughout their learning journey at Franklin, aiming to enhance the curriculum with university-led projects such as 'academies' in Engineering and Social Work, giving young people the chance to work with and learn from current university students, guiding students on university progression options and the application process, and we have supported the annual Northeast Lincolnshire STEM Conference since its inception.

We have a variety of sessions running as part of this year's conference. Join us to learn about your potential future in Chemistry, working in a modern operating theatre, how to use mathematical modelling to make predictions or even explore how poo is created by the human body...

With STEM subjects, there are endless opportunities to use your skills to change lives, change your communities or even change the world. Make the most out of your day and find your extraordinary with Franklin College and the University of Hull.



Come and visit us
hull.ac.uk/visit



**UNIVERSITY
OF HULL**

One campus, one community

When you join Hull, you join a tight-knit community where the lecturers know your name. And everything you need to live, study and socialise is on one campus, rather than being scattered around the city. Here, see for yourself...

**Less than
10 minutes**

to walk from your
room to your lectures



**Guaranteed
university
accommodation ¹**

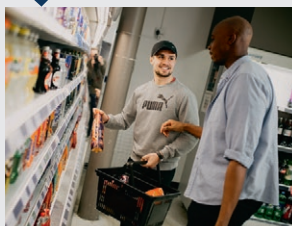


**2,300+
on-campus rooms**

**3 Costas
1 Wetherspoons
1 nightclub
1 mini-supermarket**



**1 jam-packed
welcome week** to
help you settle in
and make friends



**80+ societies
50+ sports clubs**

7-storey library

1 million+ books, 400 PCs, rentable laptops, group work spaces, and much more



We're leading the charge for a cleaner world. **Our aim is to be totally carbon-neutral by 2027.**

93.9%

of Hull graduates are in work or further study within 15 months²



£300 million

investment in facilities, with
£86 million more to come

82%

of our research is world-leading
or internationally excellent³



Come and visit us
hull.ac.uk/visit

¹ All full-time, unaccompanied first-year students are guaranteed a single-person room in University-owned, managed or directed accommodation if you apply by 1 October. Please note, there is no on-campus provision for families.

² UK domicile full-time first degree leavers, Graduate Outcomes survey for the academic year 2019/20, published by HESA July 2022.

³ Research Excellence Framework, 2021.

Immerse yourself in STEM with...



At North East Lincolnshire's only Sixth Form College, we take great pride in the reputation we have established as specialists in sixth form education. Our aim is to enable every student to achieve more than they thought possible, which makes us immensely proud of our 'Best in the Region' position for student progress.

Franklin is, first and foremost, a college for our community. As recognised by Ofsted the college is 'embedded within its local community and creating an environment in which young people thrive.'

Our students come to us from all across the North East Lincolnshire region and go on to do great things and we are delighted to say that Franklin students are more likely to gain good university degrees and are more likely to be successful in securing employment than any other Sixth Form College students nationally.

This is also testament to the work of our specialist teachers and support staff who enable our students to achieve their full potential at Franklin Sixth Form College.

Available Workshops

Cosmetic Science

Do you have bath bombs, soap and lip balms at home? Have you ever wondered how these are made? In this workshop, you'll learn the process behind cosmetic science, and even get to make your own!

Games Development

What do Rust, Subnautica and Fall Guys have in common? They were all built with Unity. In our session, learn how to use Unity with a 3D kart racing game that you can modify and customise yourself! Complete the 'Creative Mods' to build on the project and make it more your own, whilst learning the basics of Unity.



Through a unique partnership with the Universities of Hull and York, NHS Trusts and community healthcare providers, we are one of the UK's most exciting, contemporary schools, delivering innovative and rigorous medical education.

Our impact goes beyond teaching and learning and extends to research, which has discovery and innovation at its heart.

This research is improving the lives of patients locally and impacting national and international health agendas, in areas such as cancer research, palliative medicine, mental health and global public health.

We are committed to delivering exceptional medical education and ensuring our graduates are equipped with the medical knowledge and analytical, problem solving and communication skills needed to deliver brilliant healthcare.

Available Workshop

Introduction to Medicine

Discover more about the journey to studying Medicine, including the application process and what universities look for in their medical students. Take part in a short activity exploring the different careers in medicine and look into the many different opportunities within the medical profession





UNIVERSITY OF HULL

Available Workshops

1. The Chemistry in Your Pockets with Professor Mark Lorch

Chemistry has built our modern world. And chemists in the Humber region have had a particularly important impact on our everyday lives. We'll take a look at what you have in your pockets and bags, then explore some of the chemistry that made these objects possible.

Then we'll find out where chemistry can take you, and answer the really important question... How much do chemists earn (clue, PLENTY).

2. Are We Alone in the Universe? With Professor Brad Gibson

Stephen Hawking himself stated the search for extraterrestrial life was the single most important question in all of science... Prof Brad Gibson will provide insights into the likelihood that we might not be alone in the Universe, with science touching on astronomy, physics, chemistry, biology, and geology! Come enjoy a fun and interactive session on this fundamental question!

3. Biomedical Sciences with Professor Sean Frost

Sean Frost is a clinical haematologist with a particular interest in malignancies. In this workshop, you'll explore the molecular basis of cancers and talk about what can be done to help patients.

4. Mouse in the House with Professor Mads Moore

There's a mouse in my house and I want to know where it is! In this workshop, you are going to use some mathematical modelling to help make a prediction of where a pesky rodent is, so that we can catch it. You will learn about a mathematical technique known as a difference equation to help us make a prediction and find the mouse. You will also learn about how different equations are used in the real world - from finance to biology.

5. Operating Department Practice

In this workshop, we'll be exploring the role of the Operating Department Practitioner and what it takes to care for patients coming for surgery. ODP's play a major role in each phase of a person's operation. Join this session to find out more!

6. Mindstorm Robots with The University of Hull Robotics Society

Join the University of Hull Robotics Society to explore assembling, programming and battling robots using Lego Mindstorms software and see a demonstration of the real robots created by our innovative degree students.



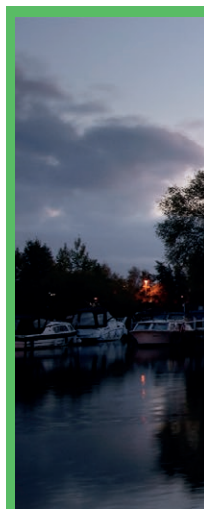


UNIVERSITY OF LINCOLN

The University of Lincoln enjoys a long history of partnership with Franklin Sixth Form College, as a large number pursue further education in Lincoln after completing their college course. Conveniently located on the central Brayford Pool campus, the University boasts specialist facilities which STEM students have regular access to at both undergraduate and postgraduate level, across the Sir Joseph Banks Laboratory, £28 million Isaac Newton building or Minster House.

Due to a wealth of strong industry connections, companies including engineering giants Siemens Energy have on-site resources which can equip students with invaluable experience when it comes to applying for jobs post-graduation.

The University particularly takes pride in their commitment to supporting women studying STEM subjects, as evidenced by their achievement of the Bronze Award as part of the Athena SWAN Charter. The University of Lincoln is rated in the top 30 UK universities for student satisfaction in the Guardian University Guide 2022 and in the top 20 UK universities overall in the WhatUni Student Choice Awards 2022, making it a fantastic choice for study following your Franklin Sixth Form College education.



Available Workshops

1. Life Sciences with Professor Greg Sutton

Jumping insects provide spectacular examples of precisely manipulated speed, spin, energy and power. In the blink of an eye, jumping insects catapult themselves toward targets and away from predators. In this session, we will study the mechanics of how various insects control the muscles, joints, and even springs, that they use to fling themselves through the air.

2. Forensics with Professor Dan Matthews - Discover Fingerprinting

Forensic science requires skills and knowledge to work in a variety of workplace settings including laboratories, crime scenes, and courtrooms. These enable the forensic scientist to apply scientific expertise in criminal investigations. Our Forensic Science workshop aims to showcase expertise in forensic science tasks and during this workshop you'll have the opportunity to participate in fingerprint analysis.





Llywodraeth Cymru Welsh Government

Sam Goodwin loves all things Sustainable & Net-Zero. Having previously worked as a Senior Policy Advisor to the Mayor of London's Office on sustainability, Sam has seen the importance and impact that becoming sustainable has first-hand, having worked with organisations all over the world supporting the transition to Net Zero.

From advising Yokohama City Government and the University of Illinois on Net Zero to working in Germany with world leading institutes on energy efficiency. He is currently the Circular Economy Manager for the Welsh Government having previously held roles at the Greater London Authority, Mayor of London's Office, Smart Energy Greater Lincolnshire and North East Lincolnshire Council.

Available Workshop

Sustain-Ability

Come and test your ability and see how sustainably savvy you really are in a Dragons Den style workshop!

Learn all about how STEM subjects are being used to solve climate issues and where contestants must decide which of the environmentally game changing products are real innovations in sustainability, which are fake and which product would they invest in?

Can contestants tell a fraud from the future? Can they spot a Net Zero from a fake hero?

CATAPULT

Offshore Renewable Energy

ORE Catapult is the UK's leading innovation centre for offshore renewable energy. Independent and trusted, with a unique combination of world-leading test and demonstration facilities and engineering and research expertise, ORE Catapult convenes the sector to deliver applied research, accelerate technology development, reduce risk and cost, and enhance UK-wide economic growth. Our unique research and engineering capabilities bring industry and academia together to drive innovation and reduce costs from offshore renewable energy.

We support the UK's research and innovation community through our testing, validation and engineering expertise to accelerate the commercialisation of the latest technologies and disruptive innovations.

Available Workshop

Explore

In this workshop, you'll learn about ORE Catapult and solve an offshore wind challenge: come up with an idea and decide how you will prove that it's safe, makes a difference and something people should invest in.





HUMBERSIDE Fire & Rescue Service

Safer Roads Humber aims for all road users to be safe on the region's roads. We provide courses on driver safety and publish information on our engagement activities and daily enforcement schedule, road casualty data and general advice for road users.

Available Workshop

How STEM can help reduce RTA's

In this workshop you'll learn about what Humberside Fire and Rescue do and how STEM can assist in the reduction of road traffic collisions and reduce injuries



myenergi

Available Workshop

myenergi fundamentals

In this session, you'll be introduced to myenergi, who we are, what we do, and you'll even take part in an activity to create myenergi's future renewable energy products!

CATCH

CATCH is an industry led partnership supporting the process, energy, engineering and renewable industries in Lincolnshire, Yorkshire and Humber. CATCH operates the world renowned £12 million training facility in North East Lincolnshire that offers industry authentic training and assessment without the risks associated with processing hazardous materials.

CATCH boasts impressive facilities including a live three storey process plant with control room, bunded tank farm, process simulator, Skills Enhancement Centre, access zone, CompEx zone and confined space entry zone as well as engineering workshops and classrooms.

Available Workshop

Intro to CATCH

In this session, you'll be introduced to CATCH and our apprenticeships, an overview of our engineering apprenticeships and organisations we work with. You will take part in STEM based activities which will require teamwork and using skills such as leadership, problem solving, logistics and practical building.



RWE

With 120 years of successful history behind us, RWE has undergone fundamental change and is now a leading supplier of renewables worldwide. With wind farms, solar power and battery storage facilities in many countries. Even today, most of our core business is green electricity.

Available Workshop

Why is it so important to reduce our carbon footprint?

During this session, we will run experiments using dry ice which look at the chemical and physical properties of carbon dioxide. These experiments really highlight why it's important to reduce our carbon footprint. The workshop will also teach you about the renewables industry - you'll learn why the industry is so important! Members of the team will be available to talk about renewables and even discuss our apprenticeship scheme.



Technical Absorbents

The Absorbent Solutions Provider

We have been leading the way in the development and manufacture of Super Absorbent Fibre (SAF™) for nearly three decades, and, more recently, SAF™ fabrics and SAF™ spun yarns. Supplying solutions globally, innovation is key, and we continue to design new technologies to meet the specific requirements of our growing customer base. Applications for our products span numerous market sectors, including Healthcare (medical and hygiene); Industrial (filtration and cable); Food (packaging); Environmental (horticulture).

Available Workshop

Who we are and what we do...

This workshop will feature an intro to Technical Absorbents, where you'll find out who we are, what we do, and the different roles in the organisation. You will be shown demonstrations of their products, and maybe take part in a game with the Super Absorbent Fabric and Fibres!



UKSTEM

UKSTEM develops and delivers high quality educational consultancy and resources that inspire young people and foster understanding. Led by Mike Cargill the company has developed since setting up in 2015 and works closely with several universities, private clients and local authorities both throughout the UK and beyond. At UKSTEM we pride ourselves on staying ahead of the competition by setting a high bar for educational engagement.

Available Workshop

Supergrid Challenge

Be the most competitive energy supplier in the Supergrid challenge. In this part simulation part practical STEM based business game you'll be tasked with finding the best blade number/size/angle/shape combo that optimises your output and allows you to win by slashing your energy prices.

Smith+Nephew

Smith & Nephew is a portfolio medical technology company focused on the repair, regeneration and replacement of soft and hard tissue. We exist to restore people's bodies and their self-belief by using technology to take the limits off living.

Available Workshop

Chemistry is everywhere!

In this workshop, students will learn what types of chemistry are all around us by checking labels of different household items. You'll witness a demonstration of hydrogen peroxide decomposition with chicken liver to learn that our body has a natural catalyst, and you'll even learn the process of making slime!

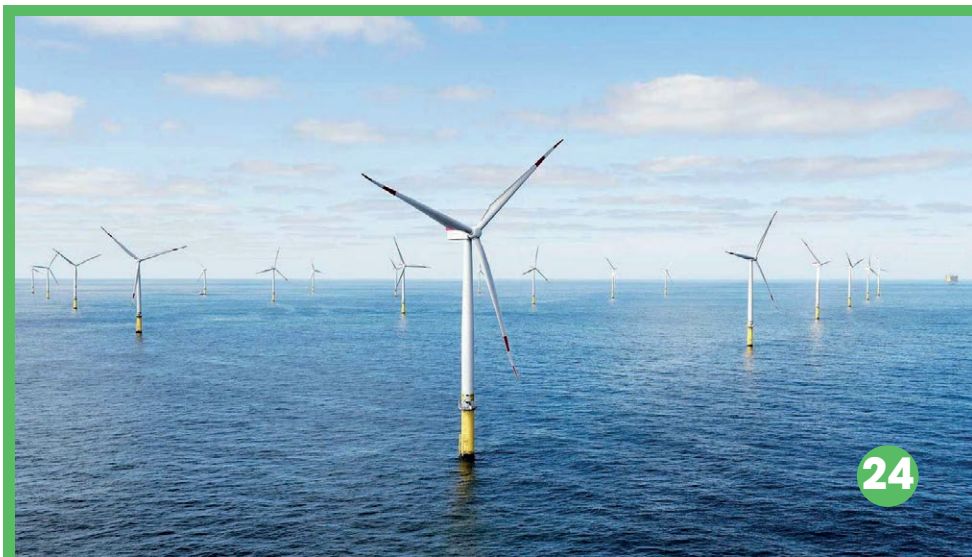
Orsted

Orsted are a renewable energy company that takes tangible action to create a world that runs entirely on green energy. Over the past 30 years we have established our company as a global leader in offshore wind with a 25 per cent market share. We develop, construct and operate offshore wind farms in Europe, the US and Asia, and have built enough offshore wind to power 15 million people. By 2025, our ambition is to power 30 million people with offshore wind.

Available Workshop

Building a Wind Farm

What does it take to build a wind farm? We'd love to see you take on the challenge! You'll be given materials, a budget and a countdown to see if you can work together to complete the brief. Who knows what challenges will come up on the way. A storm in the middle of the North Sea or a tight budget with ever changing prices? This challenge will test your teamwork and initiative.



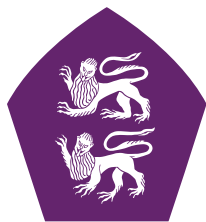


The workshop will be undertaken by the Humber and North Yorkshire Allied Health Professions (AHP) Faculty. Strategic collaboration and promotion of the AHP workforce within the Humber and North Yorkshire ICS, to enable our population to start well, live well and age well.

Available Workshop

Introduction to Allied Health Professionals

This workshop will showcase the 15 AHPs and their role within the Healthcare setting. You will have the chance to participate in interactive challenges and participate in a quiz to find out your future AHP role. The 15 AHPs are: Art Therapists, Drama Therapists, Music Therapists, Podiatrists, Dietitians, Occupational Therapists, Operating Department Practitioners, Orthoptists, Osteopaths, Paramedics, Physiotherapists, Prosthetists and Orthotists, Diagnostic Radiographers, Therapeutic Radiographers and Speech and Language Therapists. You will have the opportunity to find out more about these professions and ask any questions you may have.



BISHOP GROSSETESTE UNIVERSITY

At Bishop Grosseteste University (BGU), we've been educating students in the historic heart of the city of Lincoln for over 160 years.

We've undergone an explosion of growth, expanding our portfolio into exciting new areas. We've recently introduced new courses in Mathematics, Computing and Data Science, with our state-of-the-art facilities providing hands-on learning opportunities.

But even as we've grown, our commitment to first-class education has remained consistent. We shape our methods to suit each subject area and each group of students, combining innovative techniques with the best aspects of traditional university teaching.

Kindness runs through everything we offer, and we're here to support our students all the way through their studies, from application to graduation.

Life after BGU is extremely important and we're really proud the employability rates of our graduates are consistently very high. We have lots of support in place to help them develop their career prospects, such as workshops and events, jobs fairs and access to a network of employers.

At BGU, your future is in safe hands.

Available Workshop

Increasing Physical Activity Levels Via Exergaming

It is estimated that over 64% of the UK population is overweight or obese, with one in four children being overweight or obese by the age of 11. Exergaming, a combination of exercise and gaming, is a relatively new and exciting form of exercise which may provide an alternative to 'regular' exercise, helping to combat the rising levels of obesity among children and adolescents within the UK. This session will highlight the benefits of exergaming among a range of populations with the hope of reducing sedentary behaviours.



The Axholme Academy is a secondary school in Crowle, North Lincolnshire. Our mission is to provide the highest standards of all round education for every student so that students at The Axholme Academy go 'Beyond Expectations'.

We focus on our students being Ready and Able to Learn and thus be highly successful and independent. At The Axholme Academy we believe that every student really does matter, and every student really can achieve. No student at The Axholme Academy is seen as a statistic or can be 'lost amongst the crowd' - each student is most definitely known and valued as an individual.



Baysgarth School was founded in 1975 and has proudly been serving the communities of Barton-upon-Humber and the surrounding villages for almost half a century. Over the past eight years, Baysgarth has undergone a complete transformation, progressing from the second worst results in the Local Authority in 2014, to one of the top schools in the Humber region, consistently performing in the top 5% of schools nationally.

Our staff are phenomenal; they are dedicated, passionate, dynamic, caring and inspiring. Everyone within the Baysgarth team strives every day to bring the best out in each of our students and offer the support and guidance to prepare them for life-long success.

With over £1 million investment, Baysgarth boasts state-of-the-art classrooms, fantastic IT facilities, an unrivalled on-site Sports Village, including a skate park and dance studio, along with our Headway Alternative Provision. We continually look to enhance our broad and balanced curriculum to support the best outcomes and prepare this community's young people for their next steps and beyond.



Cleethorpes Academy

Cleethorpes Academy is an 11 – 16 secondary school with 900 students on roll. On our last OFSTED report the Academy was rated good in all categories. Cleethorpes Academy is committed to providing a quality education for its students. The care and guidance we provide for our students creates a positive climate for each individual to grow and develop. Our aim is to make Cleethorpes Academy an outstanding and successful school which serves the young people of Cleethorpes well into the millennium. We are a member of a locally based Multi Academy Trust with local knowledge in a growing family of mutually supportive neighbouring Academies.



Achieve. Support. Persevere. Independence. Respect. Engage. These are our Academy values, which were developed by our students. At OMA our vision is very simple: all students, irrespective of their backgrounds, will be exceptional learners, so they are equipped with the necessary knowledge, skills, qualifications and mindset to contribute positively in society.

Ormiston Maritime Academy is a place of learning which holds the young person at the centre of all that we do.



Humberston Academy, is an outstanding academy proud of our exceptionally high standards and traditional ethos. We offer a diverse enrichment programme in order to develop skills outside of the classroom and support students to thrive beyond Humberston.



Caistor Yarborough Academy enjoys a fabulous setting with views across the beautiful Lincolnshire Wolds. The school provides a personalised and inclusive learning environment which nurtures and values every student through an ethos of 'Excellence for All'.

A key strength of the academy is the feeling of inclusion, community and support together with academic success. Everyone is valued as an individual, giving students the confidence to develop a thirst for knowledge in pursuit of their aspirations to be the best they can be. These aspirations are supported by a curriculum designed to be relevant to today's world, which prepares students for the next stage whether it be further study, apprenticeships or the world of work. Students speak positively about the Academy and their experiences, appreciating the way they are challenged and supported with clear visions and strategies for how to succeed.



HEALING

ACADEMY

Healing Academy is one of the highest performing schools in this region. Success & Happiness for every child is of the utmost importance for us as a school and we are extremely proud to work with a dedicated team to provide the best education and life skills for children in our care. We believe that every child has talent and can experience success as they develop into young happy adults through the supportive and caring environment we provide. We cultivate a culture of there being no limits to what a child can achieve as they deserve the absolute best.

Our Academy is first and foremost a place of learning where students feel safe and enjoy their educational journey. Learning is at the centre of everything we do both in (taught curriculum) and out of the classroom (co-curriculum) and with so many enrichment opportunities we feel every child will flourish here with us.



St. James' is a small Independent Day and Boarding School offering a personalised approach to learning for children aged 11 to 18. Our ethos is to focus on the individual pupil and their emotional and social needs just as much as their academic progress. Ensuring that pupils are happy, feel safe and supported is at the forefront of our aims and objectives and the academic results will naturally follow.



John Whitgift Academy is a highly successful, rapidly growing secondary school which serves the Willows and Wybers communities in Grimsby, North East Lincolnshire. From September 2022 we will have approximately 935 students on roll with at least 240 new Year 7 students joining us in September 2023.

In the summer of 2019 John Whitgift Academy achieved the highest Progress 8 score (+0.67) amongst all academies in North East Lincolnshire which placed it in the top 7% of all schools nationally. In 2020 student progress improved further to +0.83. The Academy has excellent results across all subject areas, particularly in Science, Maths and English and was rated as Good by Ofsted in January 2020. Our Maths department is one of the best in Northern England with a student progress score of +1.10 in 2019 and +1.13 in 2020. This means that on average, all students achieved at least 1 whole grade higher in their GCSE Maths than their target grade. The academy progress score for 2022 was +0.54; way above national average and the highest in Grimsby and North-East Lincolnshire for the 4th consecutive year, achieving the highest progress results in Science, Humanities, all EBacc subjects and all Open basket subjects compared with all other local secondary academies in Grimsby.

In addition to excellent teaching and facilities, students are offered many additional STEM activities throughout the academic year, both during curriculum time and at the end of the academy day. Students have taken part in workshops from Medical Mavericks, Tomorrows Engineers, The National Space Centre, CSI, BAE Systems and Lab Rascals. Year 8 have competed in the national IET Faraday Challenge.

Whilst having a focus on academic results the academy is also building many links with local businesses, employers and universities across the country to help raise both the profile of careers in STEM industries and the aspirations of students to follow STEM related subjects when they leave at the end of year 11. Examples of these links include visiting CATCH Stallingborough, University of Hull, Sheffield Hallam University, University of York and participating in The Work wise foundation South Yorkshire region network.

John Whitgift Academy students are very much looking forward to participating in the STEM conference and exhibition at Franklin Sixth Form College and many of them aspire to study STEM related subjects at Franklin in the future.



The Engineering UTC Northern Lincolnshire is one of around 48 University Technical Colleges (UTCs) across the country, purpose-built to prepare our young people for the world of work. We focus on delivering an innovative concept of education for 13–19-year-olds that combines technical, practical and academic learning. By doing so, our students gain traditional GCSE and A Level qualifications alongside sought after skills employers are looking for in their future workforce.

Our school offers a mature and professional learning environment designed specifically to prepare students for a broad range of STEM career opportunities. Working alongside some of the region's leading employers and a university partner, our hands-on curriculum incorporates an exciting array of industry-led projects, masterclasses, mentoring sessions and on-site opportunities, allowing students to experience first-hand the pathways available. Nowhere else provides our young people with these opportunities.



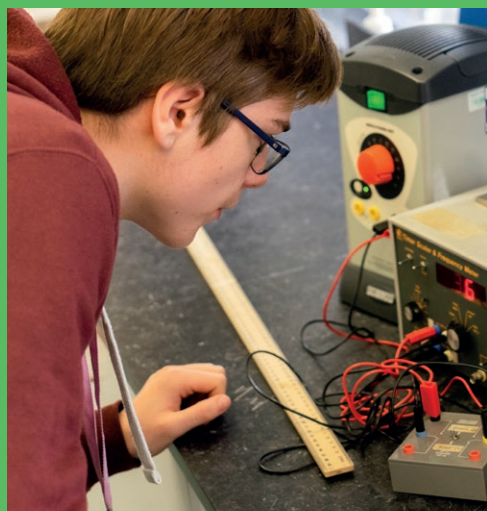
Our school days shape our future, and we intend to ensure that children who attend Winterton Community Academy will have positive memories to last them a lifetime.



Louth Academy is a co-educational comprehensive serving Louth and the surrounding area with approximately 850 students across two sites. It was formed from two schools, Monks' Dyke Tennyson College and Cordeaux Academy. Cordeaux Academy has become Louth Lower and educates Year 7 and 8 students with Louth Upper on Monks' Dyke Road educating students from Years 9, 10 and 11.

Louth Academy benefits from being part of the Tollbar Family of Academies. The Trust has a strong track record in turning around failing schools as can be seen by the successful outcomes at Cleethorpes and Somercotes Academies as well as the significant improvements already seen at Louth Academy this academic year.

The Trust has supported the new Academy with a completely new senior leadership team as well as new teachers and support staff. There has also been a major programme of refurbishment on both sites at Louth Academy due to significant financial support from Lincolnshire County Council and Tollbar Multi Academy Trust. This has meant that students now have a first-class learning environment that matches the standard of accommodation that exists at all of the Tollbar Family of Academies.





JSTC is a non-selective 11-16 co-educational school in a selective area. We are a popular, over-subscribed school of around 640 students. We are proud of the work that we do with our young people to enable them to challenge themselves academically and reach the highest of aspirations. At our most recent Ofsted inspection we were rated as Good in all categories. As a school we continue to develop our already broad curriculum offer to students to ensure that our students have highest quality of education, experiences, and opportunities. We are a single academy trust but have developed strong networks and links with a range of partners and other schools locally and throughout the county.



For more information about our CfPD or STEM
courses at Franklin please contact...

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