



THE
**ROYAL
NORFOLK
SHOW**



24 & 25 JUNE

2026

**SCHOOLS
ACTIVITIES
2026**

WELCOME

Celebrating Culture and Collaboration this year's Royal Norfolk Show promises to be a spectacular celebration of agriculture, community and culture, bringing together the very best of Norfolk's rural heritage and modern innovation. Alongside world-class livestock, food and drink, farming and entertainment, the Show will proudly showcase a rich programme of cultural celebrations, highlighting the diversity, creativity and traditions that make our region so unique. From music and performance to local crafts, cuisine and community showcases, participants and visitors can look forward to an unforgettable experience that celebrates both the countryside and the vibrant communities that shape it. We also look forward to celebrating the International Year of the Woman Farmer and hosting the 2026 European Agro Challenge competition.

There's so much to see and do at this year's Royal Norfolk Show. For 2026 the Discovery Zone will once again sit alongside our STEMM Village to deliver an immersive and cohesive educational experience. Come explore the Mint and Mustard trail in the Discovery Zone to learn more about how these exciting crops are produced in Great Britain and take part in a range of interactive activities in the STEMM Village whilst finding out about careers in STEMM! We look forward to welcoming you and hope you enjoy your visit.

DISCOVERY ZONE

TARGET AUDIENCE 5-14 YR OLDS

LOCATION: AVENUE 18

The Discovery Zone is the hub of interactive learning at the Show, put together by the Food & Farming Discovery Trust. Marrying food, farming and the countryside with science, technology and maths. This year, the theme in the Zone is Mint and Mustard. Find out how these two crops are grown here in Norfolk, see the scale of the machinery used out in the field and learn more about how local farmers are working to be more sustainable.

Teachers wishing to discover more about the work of the Food and Farming Discovery Trust (FFDT) are encouraged to visit the FFDT Lounge, where they can learn about the range of educational programmes, resources and events available throughout the year, and find out how to get involved.

This year we are also presenting a Women in Agriculture project, celebrating the vital contribution women make to the farming and food sectors. Visitors can explore the Women in Agriculture gallery on Third Drive and visit the pop-up studio in the FFDT Lounge, where women working across the industry are invited to have their photograph taken and become part of this growing celebration of Norfolk agriculture.

Be sure to visit the Futures Marquee in the Discovery Zone, where organisations including Ben Burgess, Royal College of Veterinary Surgeons, Royal Agricultural University and Harper Adams University will be showcasing the exciting range of careers available across the food, farming and land-based sectors. The Institute for Agriculture and Horticulture (TIAH) will also be hosting a programme of short careers talks throughout the day between 10am and 2pm, offering valuable insights from industry professionals.

Careers Advisors can also take part in the Careers Trail, designed to help young people discover the wide variety of opportunities available within the sector. Download our careers trail leaflet here. [**Careers Trail Booklet.**](#)

STEMM VILLAGE

TARGET AUDIENCE 14-19 YR OLDS

LOCATION: AVENUE 18

Step into the STEMM Village and discover the hidden worlds all around us, from microbes beneath our feet to the clean energy systems powering the future. Don't miss the immersive Microbe Zoo. Guided by scientist "zookeepers", visitors can shrink down into a world of microbes and discover how these tiny creatures help keep plants, people and our planet healthy. Across the Village, visitors of all ages can meet real scientists, engineers, healthcare professionals, students and apprentices, and try hands-on activities linked to science, technology, engineering, maths and medicine.

You can also explore the Agri Science Marquee and meet scientists and experts from the John Innes Centre, Norfolk Rivers Trust, Greenstalk and many more. Visit the Youth STEMM Award stand to see how young people can build their own STEMM journey. Come and ask questions, try things out and imagine where STEMM could take you.



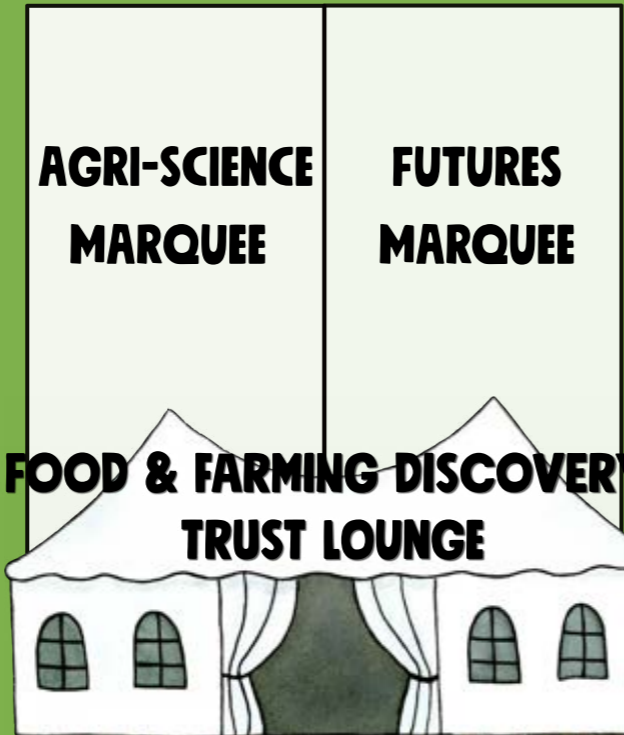
LEARN



**REAGIT UK
MARQUEE**



**EASTON COLLEGE
MARQUEE**



MINT & MUSTARD TRAIL



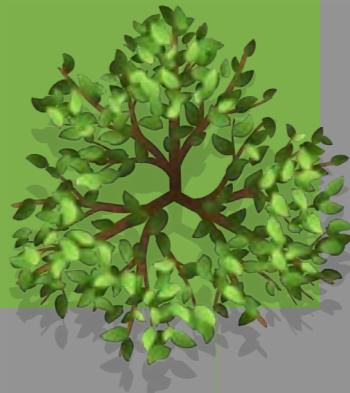
MACHINERY



**GREEN GATE
& SCHOOLS
GATE**



FIFTH DRIVE



← AGRICULTURE IN ACTION

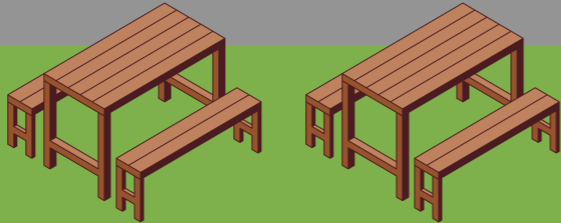
AVENUE 18



**SCHOOLS
MEETING POINT**



**SCHOOLS
PICNIC AREA**



-  INFORMATION POINT
-  FOOD & REFRESHMENTS
-  FIRST AID
-  TOILETS
-  ACCESSIBLE TOILET
-  MOBILITY HIRE
-  CHAPLAINCY
-  SCHOOLS GATE
-  PICK UP/DROP OFF POINT
-  CRAFT ZONE
-  ART MARQUEE
-  NORFOLK CHAMBERS OF COMMERCE BUSINESS HUB
-  SHOW OFFICE
-  PRESIDENT'S PAVILION
-  MEMBERS & VICE PRESIDENTS HOSPITALITY
-  NORFOLK LOUNGE
-  LONGACRE
-  SPONSORS & CORPORATE HOSPITALITY
-  ROYAL BOX
-  ROYAL AVENUE
-  INNOVATION HUB
-  SCHOOLS STAGE
-  CARNIVAL STAGE
-  ACOUSTIC STAGE
-  MEMBERS BANDSTAND
-  NEW NOISE STAGE



PLEASE REMEMBER TO WASH YOUR HANDS AFTER TOUCHING THE ANIMALS.
THE ROYAL NORFOLK SHOW RAISES FUNDS FOR THE RNAA'S CHARITABLE OBJECTIVES TO SUPPORT FOOD, FARMING AND THE COUNTRYSIDE.



MAP SPONSORED BY

SHOW HIGHLIGHTS!



WOODLAND AREA

The Woodland Area will include a number of woodland crafts, with exhibitors demonstrating their crafts and woodwork skills. Visit the Norfolk Beekeepers Association to learn more about the importance of bees or discover local musicians on our New Noise Stage!

SPORTS ZONE

Get active and be inspired in the ever-popular SportsZone, organised by UEA Sportspark. Packed with energy and opportunities to have a go, SportsZone is the perfect destination for visitors of all ages wanting to try something new.



RARE BREEDS ANIMAL FARM

Coordinated by the Rare Breeds Survival Trust, the Rare Breeds Animal Farm is a must visit! This popular area of the show will allow you to learn about some of the country's rarest breeds including cattle, sheep, pigs and goats. Get hands on and even have a go at spinning wool!

SCHOOL GARDENS COMPETITION

At past shows our School Gardens have been a visitors favourite for many years, and the designs, creativity and imagination get better each year! Make sure to head along to support the schools taking part and to find out how you can get involved in 2027.



AGRICULTURE IN ACTION

Watch some of the newest and most exciting agricultural machinery in action and learn more about the arable farming year through a series of live demonstrations.



AGRO CHALLENGE 2026

18 teams from across Europe will be taking part in this years AgroChallenge, competitors will showcase their livestock expertise, machinery skills, and real-time decision-making before culminating in an exciting team challenge in the Grand Ring, highlighting the talent and innovation of Europe's next generation of agricultural professionals.



EAST ANGLIAN AIR AMBULANCE WITHIN THE EMERGENCY SERVICE VILLAGE

East Anglian Air Ambulance is a charity providing lifesaving emergency care 24/7 across Bedfordshire, Cambridgeshire, Norfolk and Suffolk. Our specialist doctors, critical care paramedics and pilots deliver advanced hospital-level treatment to the most seriously ill and injured patients by helicopter and critical care vehicles.

Visit our emergency services area and experience:

- An immersive air ambulance simulator and interactive experience pods.
- A chance to respond to a real-life emergency call and learn about the equipment used by our crews.
- Free drop-in CPR and defibrillator (AED) awareness sessions.

Students will discover, how air ambulance teams respond to emergencies when every second counts. The roles of doctors, paramedics and pilots in delivering critical care. How advanced medical treatment can be provided outside a hospital. Essential lifesaving skills through CPR and AED awareness activities.

East Anglian Air Ambulance Event Experience Units - About the pods



THE GRAND RING

Exciting Grand Ring line-up has been announced for 2026. It's bold, it's loud and there's something for everyone.

This year's Grand Ring programme is packed with family displays and competitions; live music performances; a carnival showcasing Norfolk's diverse performing arts groups and hundreds of equestrian and livestock competitions.



[Click here to view the Grand Ring Timetable](#)



THE FARRIERS COMPETITION

Visitors can view the true craftsmanship of farriers, at the countryside barn throughout the duration of the show. Visitors can enjoy a fast, exciting and truly intricate spectacle. Live shoe making can be viewed at the show, by experienced farriers to farrier apprentices.

Students can learn the traditional and intricate art of blacksmithing. The farrier competition can be enjoyed by all age groups.

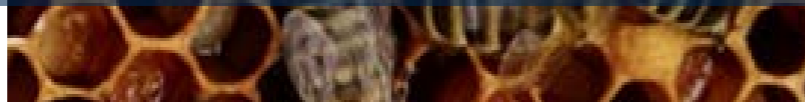
FIND US IN THE WOODLAND NEXT TO RED GATE ON AVENUE 1

NORFOLK BEEKEEPERS' ASSOCIATION

Norfolk Beekeepers Association are an organisation who try to educate all about the importance of honeybees and other bees in the environment and the role they play in the pollination of plants and crops.

Activities include:

- Candle rolling
- Pollination competition
- Live Beekeeping demonstrations
- Observation hive
- Display of honey and hive products
- From Flower to jar process explained



FIND US AT STAND 352, AVENUE 1, NEXT TO RED GATE

BECOME A CONSTRUCTION HERO!

FIND US ON STAND 265 ON SECOND DRIVE

Sign up to come and learn all about Construction at the Royal Norfolk Show!

Grab your hard hat and get ready for an adventure!

Join our fun, interactive talks where you'll discover how the places around us are made. From **homes and schools** to **hospitals and roads**, you'll learn how **builders, designers and engineers** work together to make brilliant spaces for people to live, **learn and play**.

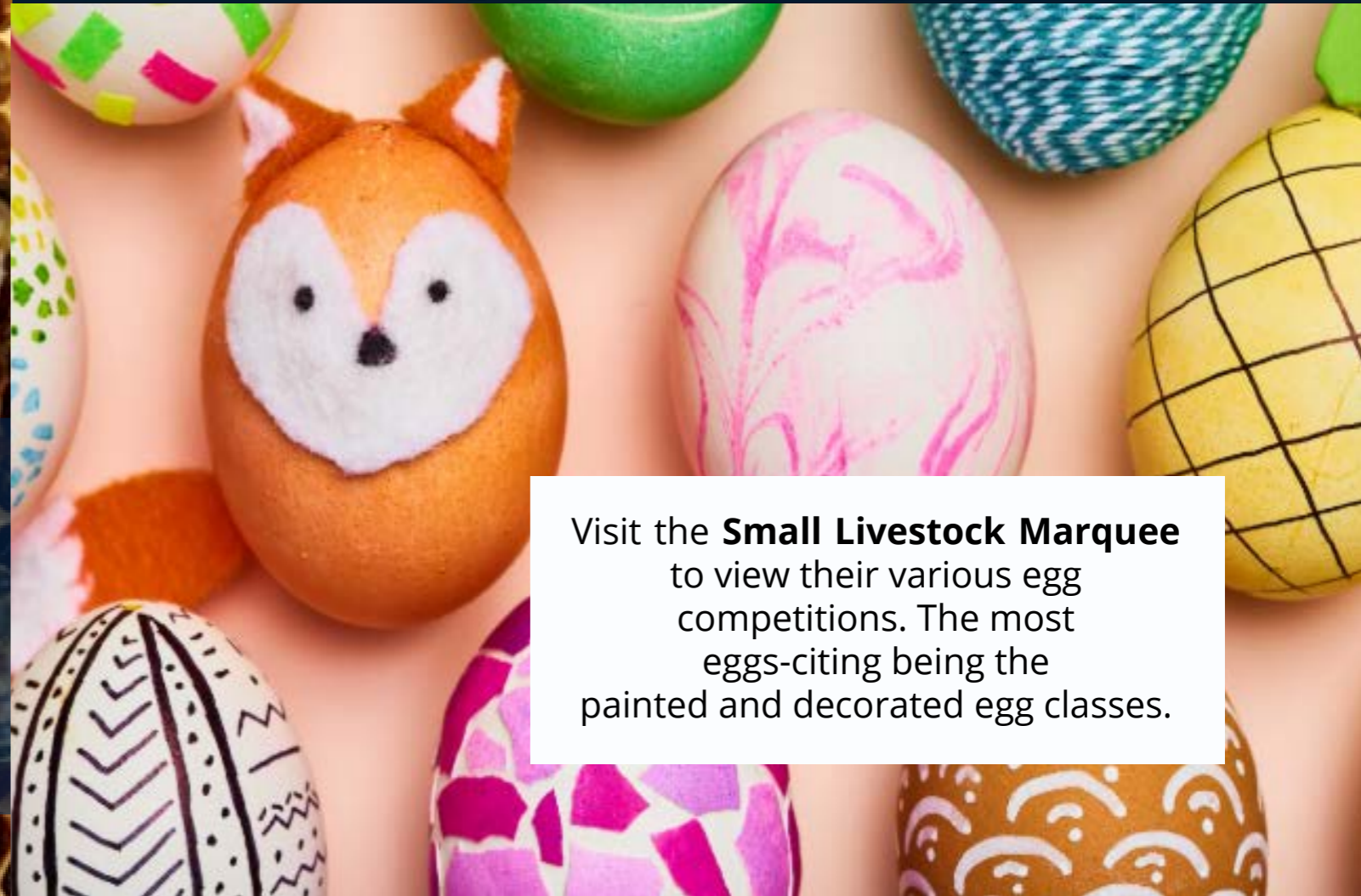
Find out how ideas turn into **drawings**, how plans **become buildings**, and how teamwork helps bring projects to life.

You'll meet real people who work in construction and see just how exciting the job can be.

If you love **designing, building, solving problems or working with your hands**, this is your chance to become a **Construction Hero**.



Please book your places via our booking portal: www.constructionhero.co.uk



Visit the **Small Livestock Marquee** to view their various egg competitions. The most eggs-citing being the painted and decorated egg classes.

BROADS VILLAGE

Immerse yourself in the Broads National Park at the Broads Village, where families and school groups can discover Norfolk and Suffolk's unique waterways, wildlife and heritage through hands-on fun and interactive activities.

Step into one of the UK's most treasured natural landscapes and explore the sights, sounds and stories of the unique Broads National Park right here at the Royal Norfolk Show. Created in partnership with the Broads Authority, the Broads Village brings the spirit of the Broads to the showground with a lively mix of nature, discovery and adventure.

With its own lake, wildlife displays, traditional crafts and practical demonstrations, there's something for everyone to enjoy. Children can try pond-dipping, design their own badges, learn about water safety, have a go at throwing a rescue line, view underwater life through the lens of an underwater drone and discover fascinating boatbuilding tools and techniques. Friendly experts and interactive exhibits make it easy for visitors of all ages to get involved and learn more about conservation, heritage and life on the water.

A highlight for younger visitors is the ever-popular Broads Trail adventure. Collect a trail leaflet from one of the 'Welcome Domes', then explore the village to answer quiz questions at different stands. Each correct answer earns a stamp and once the trail is complete, children can claim a special prize.

There are even deckchairs overlooking the small lake for those that need to relax and recharge.

Rob Leigh, Head of Communications at the Broads Authority, said:

"The Broads Village has become a firm favourite with families and school groups thanks to our Broads Trail activities and the fantastic organisations that join us each year. We always aim to introduce something new while keeping the activities visitors know and love. The Royal Norfolk Show is a real highlight of our busy events calendar."

The Broads Village is the perfect place to encounter the Broads National Park for the first time, try new activities or discover new places to explore.

www.visitthebroads.co.uk
www.broads-authority.gov.uk



MINI COP

Mini COP is a pioneering sustainability initiative to inspire and empower young climate leaders. Designed for upper primary students (Years 4-6), the programme brings together local schools to explore environmental issues, share ideas, and take meaningful action.

Through creative activities, collaborative discussions, and a high-profile launch, Mini COP gives students a platform to lead the conversation on climate change within their schools and communities.

Visitors and students can enjoy a range of interactive Mini COP activities focused on sustainability and the future of energy. The event will feature short, inspirational talks from sustainability speakers. Preconfirmed schools can collect their Mini COP time capsule and take part in a creative challenge to fill it with ideas for the future.

Schools are invited to attend a special event introducing the programme and the Capsule Project. The launch includes:

- Introduction to the Mini COP 2026 programme
- Distribution of time capsules to participating schools
- Renewable energy engagement activities
- Opportunities for schools to meet local businesses involved in offshore wind
- The creation of a Community Energy Capsule

Sign up and confirm your attendance and/or request a time capsule here:
minicop.co.uk



G T BUNNING & SONS LTD

G T Bunning & Sons Ltd is a family business which has served the agricultural industry for 120 years, focusing on the manufacture of manure spreaders for the last 40 years. Producing machines for both the home and worldwide market.

We will have a display of completed manure spreaders, visual displays from inside our factory and a competition for all to enter.

KEY STAGE 3
(11-14)

KEY STAGE 4
(14-16)

IN THE STEMM VILLAGE...



BABRAHAM INSTITUTE

KEY STAGE 3
(11-14)

KEY STAGE 4
(14-16)

POST 16 / FE

The Babraham Institute is a world-leading life sciences research institute near Cambridge, focused on understanding how and why our bodies age. Our scientists study the biological processes that drive ageing, including changes in cells and genes, to inform new approaches to preventing and treating disease. This research helps shape future medical treatments, while our public engagement programmes give students opportunities to explore real science and careers in research.

Take part in Guardians of Health, a hands-on activity where students step into the role of a scientist, analysing a "patient sample" by counting beads representing different immune cells. Acting as a flow cytometer, they will uncover patterns in younger and older immune systems and explore the impact of vaccination. The activity is supported by real researchers, giving students the chance to ask questions about science and careers.

Students will explore how the immune system works and how it changes throughout life. Key themes will be cells, infection and immunity. They will develop skills in observation, data interpretation and working scientifically, including identifying patterns and drawing evidence-based conclusions. The activity introduces concepts in ageing, vaccination and personalised medicine, helping students understand how biology informs real-world healthcare and treatment decisions.

CENTRE FOR MICROBIAL INTERACTIONS

The Centre for Microbial Interactions is a showcase of the work from over 100 microbiology research groups at Norwich Research Park. Our work generates significant discoveries and breakthroughs year-on-year to tackle some of the major challenges facing our planet and the people that live on it.

The Microbe Zoo is a unique, immersive and educational experience with interactive games, hands-on activities, soundscapes and videos to explore this previously invisible world. A team of scientist 'zookeepers' will guide you through different habitat zones, as you discover what these tiny creatures do, and how they keep plants, people, and the planet healthy.

Explore how plants work with microbes to access nutrients and grow our food, then follow that food into the human gut to see how a fibre-rich diet supports a healthy microbiome.

SUITABLE FOR
ALL AGES



Discover how harmful microbes cause disease and how new research could replace antibiotics. Finally, dive into waterways to examine pollution from sewage and agriculture and how microbial science may help restore ecological balance.

Book a slot for your school to visit the Microbe Zoo at the Royal Norfolk Show by following this link:

<https://forms.gle/BpztZRNvYR2o3qLn9>

MICROBE ZOO MUST BE BOOKED IN ADVANCE

CLIMATE AMBASSADORS (UEA TYNDALL CENTRE FOR CLIMATE CHANGE RESEARCH)

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Climate Ambassadors is a DfE-funded scheme to support schools with their obligations under the DfE's Sustainability & Climate Education Strategy, where all schools are to have a named sustainability lead and climate action plan (CAP). CAPs are whole-school approaches to climate adaptation, biodiversity growth, climate education and green careers and decarbonisation of the school site and operations.

Visitors investigate ways their school or home can be made more sustainable using interactive games such as retrofitting a dolls house, prevent a flood from a storm through sustainable drainage, and write pledges for climate action that will be sent back to schools to help them develop their climate action plans. Learn what is meant by each of the four pillars of climate action (adaptation & resilience, biodiversity, climate education & green careers and decarbonisation). They will be able to identify what is possible both at home and at school to be able to make an informed pledge.

CLINICAL ENGINEERING - NNUH

Clinical engineering is a cool field that blends engineering with medicine to solve problems in healthcare. They repair and take care of equipment: If a machine in a hospital (like an X-ray or a thermometer) breaks, clinical engineers fix it to make sure it works properly. Clinical Engineering are a team of Technicians and Administrators at the Norfolk and Norwich University Hospital, who are responsible for the setup, maintenance and repair of over 26,000 pieces of clinical equipment across the trust sites. NNUH is a 1,200 bed teaching hospital with state-of-the-art facilities for modern patient care. We work closely with the UEA's Faculty of Medicine and Health Sciences to train health professionals and undertake clinical research. We also run Cromer and District Hospital on the North Norfolk coast. Our staff of more than 10,000 treat nearly a million patients each year from Norfolk, neighbouring counties and further afield.

- See the inner workings of some medical equipment.
- Test your oxygen levels and heart rate, and find out how the equipment can tell you this.
- Pin the equipment to the body part guessing game.
- Talk to the Techs about their work, and the interesting things they get to see and do every day.
- Design and create a medical device (craft activity)

Students will explore how Clinical Engineering combines science, technology, engineering, maths and medicine to keep patients safe in hospitals. Through hands-on activities, they will discover how medical equipment supports patient care and why safety, accuracy and good design are so important in healthcare. They will learn how technology can be used to measure the human body, how medical devices are developed and maintained, and how engineers help ensure equipment works safely and effectively.

Along the way, students will develop problem-solving, teamwork and practical engineering skills while gaining an insight into Clinical Engineering careers within the NHS. They will leave with a greater understanding of the vital role engineers play behind the scenes in improving healthcare and saving lives.

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NATIONAL GRID

National Grid Electricity Transmission operates the high-voltage electricity network in England and Wales, delivering power from generators to homes and businesses. We are investing in the grid to support a cleaner, more secure energy future.

Students can enjoy hands-on activities, including:

- Planning a grid upgrade project
- Using VR headsets to experience the role of an Overhead Linesperson
- Building simple circuits with play dough, household items and energy sticks

Students will explore:

- How electricity is generated, distributed and used safely
- The role of renewable energy and the evolving electricity grid
- STEM skills, problem-solving and teamwork
- Career opportunities in the energy sector

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EAST NORFOLK SIXTH FORM COLLEGE

East Norfolk Sixth Form College provides post-16 education for 16-19 year olds in the East of the region. It offers A-levels, vocational courses and T Levels, with strong student support, modern facilities and close links to universities and employers, helping learners progress to higher education, training or work in an exciting, aspirational learning environment.

Visitors to our stand can explore the unseen world through hands-on STEMM activities. Try LEGO Education challenges linked to artificial intelligence, use VR headsets to discover unseen environments, and learn how thermal imaging and high-tech drones reveal what the human eye can't see. Discover how technology enhances our senses, from microbes to megawatts, with interactive demonstrations designed to spark curiosity and inspire future innovators.

Students will learn how STEMM reveals the hidden world around us, from microscopic microbes to large-scale energy systems. Key themes include artificial intelligence, immersive technologies, robotics, and sensing technologies such as thermal imaging. Through interactive activities, students will develop problem-solving, digital literacy, and critical thinking skills, while discovering how technology enhances human senses and helps scientists explore, analyse, and understand the unseen aspects of our world.

SUITABLE FOR
ALL AGES

GRESHAM'S SENIOR SCHOOL

Gresham's Senior School in North Norfolk is a co-educational boarding and day school (ages 13-18) renowned for high academic standards, excellent exam results, and a holistic approach to education.

Gresham's Senior School will present an interactive exhibit in the STEMM Village inspired by the theme "Hidden Worlds From Microbes to Megawatts." Bringing together Science, Agriculture and Computer Science, our stand will explore the invisible systems that shape our world from the genetic diversity within seeds and plants, to microbes in soil, food and the human body, and the clean energy and engineering innovations supporting a sustainable future. Through hands-on activities, visitors will discover how STEMM connects food, farming, health, energy and technology, and how these subjects work together to make the unseen visible. Our exhibit aims to inspire curiosity and show the exciting opportunities that arise when different disciplines collaborate.

Gresham's Senior School will present an interactive STEMM exhibit exploring this year's theme, "Hidden Worlds - From Microbes to Megawatts." Through Science, Agriculture and Computer Science, visitors will discover the hidden life within seeds, plants and soil, the role of microbes in health and farming, and how clean energy and technology support a sustainable future. The stand will highlight how STEMM subjects work together to make the unseen visible.

SUITABLE FOR
ALL AGES



CITY COLLEGE NORWICH

Working together, Easton College, Paston College and City College Norwich are the largest providers of 16-19 learning in Norfolk, providing fantastic opportunities to study and progress at three unique campuses. With state-of-the-art facilities, industry partnerships and excellent achievement rates, experience what our colleges have to offer in our STEMM Village marquee.

Discover, create, and explore with Easton College, Paston College and City College Norwich all in once place in the STEMM Village! Step inside our marquee and enjoy a packed programme of interactive activities for all ages. Get up close to fascinating creepy crawlies and uncover the secrets of their miniature world, then explore our impressive robots and racing cars. There's plenty to get hands-on with too. Create your own buttonhole bouquet with our Floristry team, test your senses with the Wildlife and Conservation team's mystery sensory boxes, and plant sunflower and pumpkin seeds to take home and grow yourself. Before you leave, jump on our smoothie bike and blend your own delicious fresh fruit smoothie!

Activities:- Tractor simulator Smoothie bike (make your own fresh fruit smoothie) Reptiles and invertebrates- Create your own buttonhole bouquet - Discover what's inside an owl pellet- Sensory boxes- Robots- Racing cars- Finger printing with Criminology- Sticker book.

Students will have the opportunity to learn about Norfolk's local wildlife and discover the vital role agriculture plays in caring for the land and producing the food we eat every day. Students will gain hands-on insight into what work on a farm is really like through getting to ride on the Tractor Simulator. Students will also be able to take part in exciting science activities, including demonstrations with a Van de Graaff generator to explore static electricity and fingerprint analysis, as if they were in a real forensic lab. These activities are designed to encourage hands-on learning across science, agriculture and the environment.

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NORFOLK FWAG

Norfolk FWAG is a not-for-profit organisation that helps farmers and landowners manage land sustainably while protecting wildlife, soil and water. Visit our stand to learn about the importance of healthy soils through fun, hands-on activities, including creating a mini worm, exploring different Norfolk soil types, and seeing a wormery in action. Students will discover how worms improve soil health, the role of organic matter, and how to create their own wormery while learning about sustainable farming and conservation.

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NHS ALLIED

The Allied Health Professions and Healthcare Sciences cover many fascinating and incredibly varied areas of healthcare that may not be as familiar to people as roles in areas such as medicine, nursing and midwifery. We aim to promote awareness of these professions and to share information about all the incredible work that they do.

We are going to exhibit a range of different tools and equipment that our colleagues use in their everyday roles, as well as quizzes and challenges to try. Visitors will have the chance to "have a go" with different elements, to find out more information about the day-to-day work of healthcare staff in different jobs and to chat to us about what these roles entail.

Healthcare careers cover an enormous variety of different roles and areas, including sciences, physical therapies, creative arts, emergency response and surgery. Learn more about some of the 350+ jobs within the NHS, many of which you may not ever have heard of before, and find out about all the amazing things that our teams do to try and keep everyone as well and healthy as possible.

[Are you interested in finding out more about the Healthcare Sciences?](#)

[Learn more about the Allied Health Professions?](#)

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NIHR NORFOLK CLINICAL RESEARCH FACILITY

The NIHR Norfolk Clinical Research Facility supports the delivery of high-quality clinical research. It provides specialist facilities, trained staff, and a safe environment to run studies involving patients and healthy volunteers, helping develop new treatments, improve care, and advance medical knowledge within the NHS.

Visit our stand and test your lab skills with a pipetting activity to earn yourself a researcher certificate. You'll need patience and concentration to mimic the techniques used daily in a clinical research facility. You can also play our Germ Jenga game to understand the importance of hand hygiene and the impact of not washing your hands thoroughly.

Students will learn about the importance of research and the daily skills used by research delivery teams. They'll gain a snapshot of the role by taking part in our pipetting activity. Younger students can find out about our paediatric research mascot, Percy the Parrot, and enjoy colouring activities. The stand will provide information about our research facility, with staff available to answer questions about roles, ongoing research, and how to get involved. Educational resources will also be available for teachers and pupils to take away.

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GREENSTALK®

GreenStalk® is a technology company building practical, real-world systems for farming and land management. We connect and monitor farm assets, from water tanks and irrigation systems through to machinery such as tractors and other equipment. Our technology brings all of this together in one place, effectively putting the farm in your pocket. Built from the ground up for real agricultural use, it gives farms, estates and growers real-time visibility of their operations, helping improve efficiency, reduce waste and support better day-to-day decisions. Technology from the ground up.

Visitors to our stand will be able to see GreenStalk® technology in action through a series of live, hands-on demonstrations. We will be showing real-time data from a range of farm sensors, giving visitors a clear view of how information is collected and displayed instantly. There will be interactive controls where visitors can trigger actions and see live data responses on-screen, showing how the system reacts in real time. We will also demonstrate how physical measurements, such as weighing an object, are instantly captured and sent to our web app, where the data can be viewed and analysed straight away. The aim is to give a practical, easy-to-understand demonstration of how connected farm systems work in real-world conditions, and how they can be used to improve visibility and decision-making on farm.

Students visiting our stand will learn how modern farming technology is used to collect, transmit and interpret real-world data. Through live demonstrations, they will see how sensors are used to measure things such as weight, movement and environmental conditions, and how that data is sent instantly to a web-based system.

Key learning themes include how connected systems work, how data is used to support decision-making on farms, and how everyday physical measurements can be turned into useful digital information. Students will also gain an understanding of basic principles behind sensors, data flow, and real-time monitoring systems.

The stand is designed to be hands-on, helping students connect physical activity with digital outcomes and understand how technology is increasingly used in agriculture and engineering.

[Technology from the ground up](#)

[Teachers Briefing Sheet](#)

[Greenstalk Stand Overview](#)

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JOHN INNES CENTRE

The John Innes Centre is an international centre of excellence in plant and microbial science. Our mission is to learn more about plants and microbes (tiny living organisms including bacteria, viruses, and fungi) through research, and train the scientists of the future. We use our knowledge of nature's diversity to benefit farming, the environment, and human health.

At the John Innes Centre we have been researching peas for over 100 years! Visit our stand to learn more about these incredible plants. Explore the huge variety of pea traits like flower colour, height and seed shape, build your very own pea with our grow a pea game, and learn about pea's amazing roots by looking at them down the microscope.

KEY STAGE 2
(7-11)

KEY STAGE 3
(11-14)

KEY STAGE 4
(14-16)

POST 16 / FE



NORFOLK RIVERS TRUST

We create and sustain healthy, diverse river and wetland ecosystems that are full of wildlife and resilient to the impacts of a changing climate. We are guided by science, evidence and experience in all that we do. Discover how we're working to revitalise your local freshwater habitats.

Display showing ecological communities found in Norfolk's rare chalk streams with a particular focus on trout. Activities to include - watershed investigation, investigating the lifecycle of trout, create a trout redd (nest) and consolidate learning by taking part in an interactive quiz. Quiz will also capture real/perceived risks to chalk streams. How land forms influence the origins and catchment of a river. Why it is important to understand that most species have co-evolved and removing one species will effect the wider ecological community. The trout lifecycle and why it is important to return rivers to a more natural system to support biodiversity.

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ORSTAD

Orsted are the world's largest offshore wind company. With 12 offshore wind farms already operational in the UK, Orsted is providing 7% of the UK's electricity. Their next pioneering project, Hornsea 3, currently in construction with onshore works in Norfolk will be able to power 3.2 million homes on completion and will be the single largest offshore wind farm in the world at 97,000 times the size of Carrow Road football pitch.

Meet the Orsted team, construct windmills and see some interesting components on our table top! Meeting our Orsted role models and hearing about their jobs as well as learning all about offshore wind farms, how they work, where they are, what they provide and their sheer size and scale!

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NORWICH SCHOOL - STEMM HORIZONS

The Stem Horizons initiative is a national program that enables access to education and career opportunities in computing that might otherwise remain closed to secondary school pupils. It is charitably funded by the HG Foundation. In Norfolk, Norwich School leads the Stem Horizons initiative using its experience of excellence in computing.

StemHorizons@NorwichSchool works with our 5 partner schools - Acle Academy, City Academy Norwich, Flegg Ormiston Academy, Ormiston Venture and Ormiston Victory Academy.

These schools receive GCSE computer science lessons, after school sessions and inspirational BrightSparks computing days. We work with a large number of organisations to bridge the gap between computing lessons and their application in the workplace. This includes local companies like Conisbee and Aviva National computing organisations like Microbit, as well as local further education organisations such as the University of East Anglia, Norwich University of the Arts and East Norfolk 6th Form.

Hidden Worlds – From Microbes to Megawatts, this year's theme uncovers the invisible systems that shape our world from the genetic diversity packaged within seeds and plants, the microbes in soil, food and our own bodies, to the clean energy and engineering innovations driving a sustainable future. By making the unseen visible, exhibitors will demonstrate how STEMM connects food, farming, health, energy and technology, and inspire visitors to explore the science and opportunities all around them"

At the Norfolk Show 2026 we will use activities like robot cart driving, light switching, duck throwing and AI Microbit watch programming to show how the tiny switches and circuits of computers work to create technology solutions for our world. Have fun with some Microbit activities, with a theme of showing how the processes that allow computers to work on a much bigger scale.

KEY STAGE 3
(11-14)

KEY STAGE 4
(14-16)

NORWICH UNIVERSITY OF THE ARTS

Norwich University of the Arts is a leading specialist creative institution recognised for teaching excellence and strong student outcomes. Courses span from creative subjects like Art and Design, Fashion, Film, Music and Acting to newer degrees in Business, Psychology, Marketing and Computing. All focus on practical, project-based learning that builds real-world skills and connects creativity with innovation and enterprise.

LED lighting technology isn't just changing the way we design for live events, it's transforming energy use across the entertainment sector, too. Come and test out your own lighting designs on our 3D geometric light sculptures, and learn about the impact of the LED revolution on the theatre and live music industries. Robot arms are a familiar sight in modern automation and manufacturing spaces these days, but how can we use them as a tool for artistic expression? Our robotics demonstration reframes the machine as an extension of the artist's reach; an embodied agent exploring movement and kinematics. Watch the robots perform in perfect synchronisation... is this dance for the modern age?

You will learn that technology and the creative industries work alongside each other in ways you hadn't thought about before. Whether in the creation of new artistic forms, or reducing the impact of the creative industries on the environment.

SUITABLE FOR
ALL AGES

REAGIT

REAGIT delivers engineering qualifications and work experience opportunities for learners from Year 10 onwards. Based at a purpose-built training centre near Norwich Train Station, it provides hands-on learning across disciplines including welding, machining, electrical, and maintenance. By combining practical training with structured learning in a controlled environment, REAGIT supports the development of technical skills and prepares learners for further education, training, or entry into engineering-related career pathways.

Visit our stand to meet students and the REAGIT team to find out more about our courses! Meet some of the amazing employers that we work with and find out the opportunities that they have to offer. Try your hand at virtual welding, take part in the interactive games and activities engage with the Tech Educator businesses too who are joining us at this year's Royal Norfolk Show.

The marquee offers inclusive opportunities to explore engineering, virtual reality, and digital skills through interactive activities, alongside traditional games and challenges. It highlights accessible training and development pathways in Norwich, featuring the local independent providers, REAGIT and Tech Educators. The focus is on promoting diverse, skills-based alternatives to mainstream education, supporting individuals in discovering flexible routes into further learning, training, and employment.

SUITABLE FOR
ALL AGES

RNA AGRIBIO LTD

We show a safe method to control insect pests in many crops. A pest that oilseed rape farmers contend with in Norfolk and throughout the country is the Cabbage Stem Flea Beetle (CSFB): (*Psylliodes chrysocephala*) which is often resistant to chemical insecticides.

Our method delivers RNA into gut cells of CSFB adults and larvae which kills just the pest, leaving other insects unharmed. This process does not alter the DNA. It is not gene editing.

how the yellow fields of an oilseed rape crop is converted into rapeseed oil used as a cooking oil and making of many food products. See the principles of RNA interference a cellular mechanism that all organisms possess except for bacteria which cannot perform the RNA interference process.

How and where rapeseed cooking oil comes from environmentally sustainable food production Importance of insects in food production, their benefits and their costs Cabbage Stem Flea Beetle can cause complete crop loss and is currently costing the UK £375m per year of imports to partially replace CSFB damage.

SUITABLE FOR
ALL AGES

ROYAL COLLEGE OF VETERINARY SURGEONS (RCVS)

The Royal College of Veterinary Surgeons (RCVS) is the organisation that regulates vets and veterinary nurses in the UK. We ensure they meet the required educational, ethical, and clinical standards throughout their careers. Our mission is to protect the public interest by ensuring animal health and welfare, and public health, are advanced through thriving, world-class veterinary professions.

Students can explore a range of hands-on, curriculum-linked activities, including group quizzes on animal health, disease transmission, and nutrition, as well as opportunities to view microorganisms under a microscope. They can also take part in simple infection-control challenges, creative tasks about how the body fights disease, and fun animal-themed drawing or matching activities.

Students will learn what it's like to work as a vet or veterinary nurse, exploring the skills and responsibilities involved in caring for animals. They'll discover how veterinary teams protect animal health and welfare, the variety of tasks they perform each day, and the problem-solving, science, and teamwork skills the profession requires.

SUITABLE FOR
ALL AGES

SAINT FELIX

Established in 1897, Saint Felix has been providing educational excellence for over 125 years. Set in 75 glorious acres of rural countryside on the Suffolk coast, just minutes from the sea, our independent co-educational school caters for boarders and day pupils from the ages of 2 to 19, including international students from around the world.

We will be demonstrating recent STEM Club activities including looking at renewable energy sources and the Red Box Makers Kit. No pre booking. Demonstrations held all day by STEM Club pupils.

Learn about how renewable energy is used. Benefits of using this energy source. See the impacts of energy generation on global climate.

KEY STAGE 3
(11-14)

KEY STAGE 4
(14-16)



SAXON AIR CHARTER LTD

Saxon Air is a family-owned aviation leader based at Norwich Airport, offering helicopter and private jet charter, flight training, aircraft management and sustainability initiatives. As one of the UK's largest onshore VIP helicopter operators and a CAA-approved training provider, we are passionate about inspiring the next generation of aviation professionals through hands-on education and real-world industry experience.

Visitors can explore the world of aviation through interactive activities including drone challenges, understanding aviation career pathways, LEGO activities, aircraft design and knowledge tasks, flight simulators and more, all inspired by our Aviation Discovery Club and INSPIRE programme. Students can speak with real aviation professionals, explore career pathways and get a behind-the-scenes look at life in one of the UK's leading aviation businesses.

Students can explore careers across aviation including piloting, flight planning, ground operations, cabin crew and business management. Key themes include green aviation and sustainability, aerodynamics, technology and innovation, and professional skills. Activities are designed to build critical thinking, teamwork and real-world problem-solving, giving students genuine insight into the opportunities that the aviation industry has to offer.

SUITABLE FOR
ALL AGES

SCHOOL OF CHEMISTRY, PHARMACY AND PHARMACOLOGY, UNIVERSITY OF EAST ANGLIA

The School of Chemistry, Pharmacy and Pharmacology is a higher education department within the Faculty of Science at the University of East Anglia. We offer degrees in chemistry, pharmacy, pharmacology and pharmacy technician apprenticeships. Our research tackles the latest global health challenges, addressing fundamental processes in biology and chemistry, derive new synthetic schemes, explore theoretical challenges in physical chemistry and engineer next-generation pharmaceutical formulations.

The stand will feature hands-on interactive activities around "The Magic (and Science!) of Garlic". Visitors will be able to play our garlic cell game to learn about the smell and taste of garlic, alongside learning about its biological properties, and how it can be used for both human and plant health. We will also feature other interactive activities on the more general use of extracts from commonly used household herbs and plants.

Students will learn about the use of chemistry and biology in both making new medicines for humans, as well as how these extracts can be used to support agriculture. The activity stand is designed to link chemistry and biology concepts with familiar plants and herbs (E.g. rosemary, garlic) to make it accessible and fun. Through the interactive games, students will be developing critical thinking skills.

SUITABLE FOR
ALL AGES

SIEMENS ENERGY

Siemens Energy helps move electricity from where it's made to where people need it especially clean energy like wind power. Imagine a big wind turbine spinning in the countryside or out at sea. The electricity it makes can't go straight into your home, so Siemens Energy builds special equipment and systems that connect those turbines to the "grid," which is like a giant network of wires and stations. They use transformers to make the electricity safe to travel long distances, and smart technology to control and guide it along the way. This electricity then travels through cables and substations until it reaches towns and cities, powering homes, schools, and streetlights, so when you flip a switch, the lights turn on even if the wind turbine is far away!

We have two challenges on our stand the first is called "Energy Quest" designed to inform KS4 students about the importance of the energy industry and to inspire towards pursuing a career in the sector to contribute to a sustainable future. The second is about building a wind turbine made out of spaghetti and marshmallows suitable for all ages! Please come along and meet the team on the stand and ask as many questions as you like!!

The stand hopes students will explore the importance of renewable energy and learn about the energy industry, by playing our games, asking questions and meeting some key role models.

SUITABLE FOR
ALL AGES

SIZEWELL VISITOR CENTRE

Sizewell B and Sizewell C Nuclear Power Stations jointly operate the Sizewell Visitor Centre. On a visit you can learn about the engineering and science behind nuclear power and how electricity is made. Discover how you build a power station, explore careers in the sector and learn about the legacy of nuclear power in the region. We also offer tours and school workshops in our new Visitor Centre on the Suffolk coast.

At our interactive stand come and explore electricity with us. We'll have safety equipment you can try on, have a go at generating electricity and learn about how you build a new nuclear power station whilst protecting the environment and keeping everyone safe. Learn about careers, energy and the lasting legacy of the Sizewell Power Stations through talking to our friendly guides.

Students will learn about careers in STEM KS2 Geography and Human and Physical Geography (Upper KS2). Describe and understand key aspects of climate change. Describe and understand how human activity impacts the environment. KS2 Science – Forces and Energy Understand how energy can be transferred and stored Identify ways that energy can be used to generate electricity. Recognise that energy resources are limited or renewable.



KEY STAGE 2
(7-11)

KEY STAGE 3
(11-14)

KEY STAGE 4
(14-16)

POST 16 / FE

TECH EDUCATORS

Tech isn't just coding, it's creativity, collaboration, problem-solving and design. At Tech Educators, we open doors to careers in Software Development, Digital Marketing, AI and beyond, for people of all ages and backgrounds. Whether you're 8 or 18, you can discover what tech means to you. Come and explore our interactive activities and discover what being a technologist really looks like.

Think you've got what it takes to stop a cyber attack? Step into the shoes of a cybersecurity expert and tackle real-world digital threats. Chat with real-life developers and gamers and have a go at the newest game concepts. Plus, jump into our fun photo booth and use tech to transform your look. Hands-on, interactive and open to all.

Students will discover that tech is far more than coding, it's creativity, design, collaboration and problem-solving. Through hands-on activities, they'll explore cybersecurity, game design and digital creativity, picking up real skills used by tech professionals every day. Most importantly, they'll leave with a broader understanding of the exciting and varied career paths that a future in tech can offer.

KEY STAGE 2
(7-11)

KEY STAGE 3
(11-14)

KEY STAGE 4
(14-16)

POST 16 / FE

THE LITTLE STORY TELLING COMPANY/THE FORUM

Our stand is shared between "The Little Story Telling Company (TLSTC)" and "The Forum". TLSTC was founded by Dr. Mandy Hartley, she uses stories to teach children about science and is an award winning children's author of the "DNA Detectives" book series. The Forum, is a unique space based in Norwich City Centre. We support creativity, learning and exploration through our programme of free events and festivals, including our award winning Science Festival.

Visitors to our stand will learn about microbes in the soil and how they can be beneficial or harmful to farmers in terms of food production. It is a very interactive and fun stand, starting with children hooking microbes out of the farmers field. They will then sequence DNA from these organisms and make DNA bracelets to try and identify them. Once identified they can work out what effects these creatures have on crop growth.

Children will learn that the soil is full of microbes and organisms, which can be harmful or beneficial in helping the crops grow. They will learn about the role of soil scientists and how they can use the DNA code to identify these organisms. This will help their learning relating to plant growth, soils, evolution and inheritance.

EARLY YEARS
(4-5)

KEY STAGE 1
(5-7)

TRACHEOSTOMY TEAM- NNUH

The tracheostomy team at the Norfolk and Norwich hospital supports people with complex airways both in the hospital and within Norfolk and Waveney. We provide education, awareness and support for patients, carers and the surrounding community. We are very passionate about raising awareness and understanding regarding both adults and children with altered airways.

This year at the tracheostomy team stand we will have some training manikins to show the whole respiratory tract from mouth and nose/tracheostomy to the lungs. We will have a fiberoptic camera which people can get hands on with and explore the inner working of the upper airway. We will also have a working ventilator showing the machines we use to keep people alive. The stand will be hosted by a tracheostomy specialist nurse and senior physiotherapist.

Students will learn the complete workings of the respiratory system and how we use different devices in medicine to keep people alive. Students will gain an understanding of how those systems aid with breathing, speaking and swallowing. They will also learn about different roles in the NHS with the stand being hosted by both specialist nurses and physiotherapists. The stand is suitable for all ages and we will tailor the information and activities depending on the students.

SUITABLE FOR
ALL AGES

UEA MOVEX/ANATOMY/PHYSIOLOGY AND ENGINEERING

For the Royal Norfolk Show, we are bringing together expertise from across the University of East Anglia (UEA). The stand includes contributions from the MoveX Lab, Anatomy and Physiology, and Engineering, highlighting how different disciplines come together to explore human movement and its real-world applications.

Visitors can explore the hidden world of muscles through hands-on activities. Using electromyography (EMG) sensors, they can see their muscle activity in real time and use it to control small moving devices, showing how electrical signals in the body drive movement. They can also take part in a range of simple physical and reaction-based challenges, with live displays showing their muscle signals on screen. Anatomy models and visual displays will help explain how the brain, nerves and muscles work together. All activities are drop-in, interactive, and suitable for a wide range of ages, with no pre-booking required.

Visitors will learn how the body produces movement, focusing on how the brain, nerves and muscles interact and how electrical signals control muscle activity. They will also explore key ideas in exercise physiology, including energy use, oxygen consumption and fitness (VO₂ max), alongside broader themes such as human performance, data interpretation, and links between biology and engineering.

SUITABLE FOR
ALL AGES



DUDGEON COMMUNITY FUND

Thousands of school children will visit the STEMM Village at the 2026 Royal Norfolk Show; tomorrow's scientists, engineers and innovators.

By providing grant support for the STEMM Village, the Dudgeon Community Fund is aiming to increase real, hands on engagement in STEM subjects of Science, Technology, Engineering and Mathematics amongst Norfolk's schools.

The Dudgeon Community Fund is supported by the Dudgeon Offshore Wind Farm, which is located 32 km of the coast of Cromer and operated by Equinor.

**WE LOOK FORWARD TO WELCOMING YOU
AT THIS YEARS ROYAL NORWICH SHOW!**



THANK YOU TO THE FOLLOWING ORGANISATIONS AND INDIVIDUALS FOR SUPPORTING THE EDUCATIONAL PROGRAMME AT THE ROYAL NORFOLK SHOW

Babraham Institute
Ben Burgess
Chadacre Agricultural Trust
City, Easton & Paston Colleges
CL Hill & Lady Hind Trusts
Clan Trust
Condimentum
D C Moncrieff Charitable Trust
Dudgeon Community Fund
Earle & Stuart Charitable Trust
Ernest Doe
Felix Cobbold Trust
Gary Naylor Photography
Green Shoots Productions
Greenstalk
Harper and Debbage
J Bond and Son
John Innes Centre
John Jarrold Trust
King's Seeds
Melsop Farm Park
Mr & Mrs Philip Rackham Charitable Trust
National Grid
Norfolk & Suffolk Music Hub
Norfolk Community Foundation
Norfolk Freemasons Charitable Trust
Norfolk Gardens Trust
Norwich School
Norwich University of the Arts
Ørsted
Ovamill
Paul Bassham Charitable Trust
PlantGrow
Quadram Institute
REAGIT UK
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Royal College of Veterinary Surgeons
Saxon Air
Septagon Charity
Siemens Energy
Sizewell C
The Geoffrey Watling Charity
The Institute for Agriculture and Horticulture
The Lugden Hill Trust
The Morley Agricultural Foundation
The Ranworth Trust
Thomas Franks Foundation
University of East Anglia

WE WOULD LIKE TO ALSO THANK OUR FANTASTIC STEWARDS AND SHOW AMBASSADORS FOR ALL THEIR SUPPORT!