



Starter pack

This pack can help you make the most out of our ***Life After School: Get Ready!*** careers fair.

Event link >>> <https://stem.exhibition.app/lifeafterschool/>

N.B. EVENT LINK GO LIVE DATE = 4th JULY



LIVE CHAT STARTER QUESTIONS

From 4th – 8th July, live chat sessions are available every day between 10-11am & 2-3pm.

You can find the live chat timetable of organisations in the welcome zone.

They offer a fantastic opportunity to chat to volunteer staff from the exhibiting organisations and ask them any questions - big or small!

If you're not sure what to ask, why not ask them some of the questions below to get you started:

- What does your company do?
- How did you end up working for your company?
- What did you do at my age? E.g. subjects you studied, hobbies, extracurricular activities etc?
- What opportunities are open to young people after they leave school or college at your company?
- What skills, such as employability skills, does your company look for when hiring new employees?
- How do you assess these skills? Is it via applications, CVs, 1:1 interviews or assessment days?
 - If the company says yes to any of the above and you're not sure what it is (e.g. an assessment day), feel free to ask them to explain what they are in more detail.
- What support can young people draw on from your company to ensure they are making an informed decision about their future?

GROUP ACTIVITY SUGGESTIONS

Activity 1: Split a class/group into five smaller groups/pairs and assign each group/pair one of the zones. Each group/pair should visit that zone and think how the work of each company in that zone links back to everyday life.

Put all the ideas up on a shared board and have each group/pair present their findings so everyone can understand and discuss how each company relates to their everyday life.

Activity 2: Visit the Skills Builder stand and write down the eight essential skills. Then split into teams where each team visits a zone and picks one of the companies. Have one person in the group act as an interviewee and the others act as the interview panel from that company. Ask for examples of when the interviewee has used essential skills.

Rotate through the group taking it in turns to be the interviewee and picking a new company each time.

Follow on activity: visit three companies during the live chat and ask for the top three essential skills they look for when interviewing someone for a job.

Remember! You'll use lots of these skills already so be creative with your examples!

Activity 3: When the live chat sessions are active, agree on one topic and work in groups/pairs to find out three pieces of information about a company on that topic via the live chat. Once the information has been collected, present this back to the class/group.

Suggested topics:

- What is your company doing towards working towards net zero?
- How does your company ensure its activities are sustainable?
- What is your company doing to ensure its workforce is diverse & inclusive for everyone?
- What does your company see as its biggest challenge for the future and what is it doing to overcome it?

EXHIBITOR INFORMATION

Find out who the exhibitors are and what they do

The below information is compiled from content provided to STEM Learning or via the organisation's website

INSPIRATION AND SKILLS ZONE

In partnership with



Barclays Digital Eagles, build your digital skills with us. Our Digital Eagles are passionate colleagues, helping everyone get the most out of digital. No matter where you are on your journey, we can help keep you up-to-date and safe online.

Starter Q: Why is it important to have different passwords?



Health Education England

Health Education England (HEE) exists for one reason only: to support the delivery of excellent healthcare and health improvement to the patients and public of England by ensuring that the workforce of today and tomorrow has the right numbers, skills, values and behaviours, at the right time and in the right place.

Starter Q: How do medics keep learning while working?



Skills Builder provides a universal framework for essential skills. The Skills Builder Universal Framework provides a common language for building essential skills and shows how to build essential skills at every stage of life.

Starter Q: How does Skills Builder help in an interview?



'Tech We Can' is a set of learning materials and activities, aimed at showcasing the world of technology and what a future career in tech might look like for you!

Starter Q: How collaborative are tech jobs?

DESIGN AND PRODUCTION ZONE



GSK is changing. After July 2022, we will be a fully focused biopharma company with a new purpose; to unite science, technology and talent to get ahead of disease together.

Starter Q: Do I need to be a doctor to work in medical research?



The Manufacturers' Organisation

Make UK champions and celebrates British manufacturing and manufacturers. Together, we build a platform for the evolution of UK manufacturing.

Starter Q: What sort of thing does the UK manufacture?



Nexperia is a leading expert in the high-volume production of essential semiconductors, components that are required by every electronic design in the world. It is headquartered in the Netherlands and has front-end factories in Hamburg, Germany and Greater Manchester, England.

Starter Q: What items that I know of use semiconductors?



Unilever

At Unilever we meet everyday needs for nutrition, hygiene and personal care with brands that help people feel good, look good and get more out of life.

Starter Q: What different routes can I follow to work for Unilever?

SUPPORTING BUSINESS ZONE



ADS represents and supports more than 1100 UK businesses operating in the aerospace, defence, security and space sectors; sectors that support over 1m jobs across the country, providing high-wage and high skilled careers that boost local economies and communities.

Starter Q: How many companies does it take to build an airliner?



Institute of Food Science & Technology (IFST) is the UK's leading professional membership body recognising and supporting those involved in all aspects of food science and technology.

Starter Q: How is the growth of fake meat changing the industry?



The Met Office is the national meteorological service for the UK. We provide critical weather services and world-leading climate science, helping you make better decisions to stay safe and thrive.

Starter Q: Does the Met Office look at the weather in space too?



The National Digital Exploitation Centre (NDEC), is a digital hub in Ebbw Vale, co-developed by the Welsh Government, the University of South Wales and Thales. The centre exists as a cornerstone of Thales' cyber capabilities within the UK and aims to support the Welsh Government's programme of digital investment and transformation.

Starter Q: What technical skills do you need to work for NDEC?

THE BUILT ENVIRONMENT ZONE



The Chartered Institute of Building is the world's largest and most influential professional body for construction management and leadership.

Starter Q: How have climate change concerns affected the building industry?



Go Construct provides resources for anyone looking for a career in the construction and built environment sector.

Starter Q: What jobs can people do in construction?



Transport for London is the integrated transport authority responsible for meeting Mayor Sadiq Khan's strategy and commitments on transport in London. We run the day-to-day operation of the Capital's public transport network and manage London's main roads.

Starter Q: What job progression and salary prospects could I have when working for TfL?



The people we all rely on to keep our nation moving – they rely on Thales in the UK. In a world that is increasingly fast paced, unpredictable and full of opportunities, they come to us with big ambitions: to make the UK better and to keep its people safer. Combining a unique diversity of expertise, talents and cultures, our architects design and deliver extraordinary high technology solutions.

Starter Q: What is your industry's biggest challenge?



UK Power Networks own and maintain electricity cables and lines across London, the South East and East of England and make sure power flows reliably, safely, and securely. Our priorities are to tackle the climate crisis, meet our customers evolving needs by improving our services, support our customers in vulnerable circumstances and go above and beyond for the communities we serve.

Starter Q: How much impact does public opinion have on the future of UK power?

UNIVERSITY ZONE



Middlesex University is where you learn for life. At Middlesex, we're a global family with a shared vision of a world that's fairer and more inclusive. Our work is about taking action and finding solutions, bringing together disciplines, sectors and cultures.

Starter Q: What support do you give students for life after uni?



The University of Reading is a world leader in climate science. We have been awarded a prestigious 2021 Queen's Anniversary Prize in recognition of our pioneering research, teaching, stewardship and outreach on climate change.

Starter Q: What are the key climate jobs you see for the future?



St George's, University of London is the UK's only dedicated medicine and health sciences university. Our inspiring education and focused research will continue to improve society.

Starter Q: What other medical careers do you support beyond doctors and physiotherapists?



Coventry University are a dynamic university that provides high quality education to our students. We continue to invest in our staff, students and facilities as part of our goal to become one of the UK's leading universities. Our ethos is one of support, trust integrity and respect while valuing diversity.

Starter Q: What are the 3x key things you look for in a personal statement?

TEACHER AREA

The science, technology, engineering and mathematics (STEM) sector is one of the largest employment sectors in the UK, with hundreds of thousands of opportunities for good quality, secure careers. There are emerging opportunities for: roles that did not exist ten years ago, green careers, cyber skills, emerging technology etc. The sector offers a multitude of roles and jobs that are not just 'STEM': accountancy, legal, administrative, photography, videography, journalist, design and many more. This means there are opportunities for everyone.

Students need careers support and guidance to enable them to make informed decisions about their future. Teachers, Careers Advisors, Senior Leadership and Parents have a role to play in helping young people to discover not only the right path to a rewarding career or job but also to help equip them with the knowledge and skills they need to succeed in life.

Following research completed by Sir John Holman in 2013, a series of eight benchmarks were developed to serve as a framework for improvement in careers provision. Every secondary school has a careers guidance plan that adheres to the Gatsby Benchmarks:

1. A stable careers programme
2. Learning from career and labour market information
3. Addressing the needs of each pupil
4. Linking curriculum learning to careers
5. Encounters with employers and employees
6. Experiences of workplaces
7. Encounters with further and higher education
8. Personal guidance

Benchmark 4 can be easy to support, for example, when conducting an experiment, mention that scientists use a similar process when creating a medicine or finding cures. Moreover, suggest finding out more about the topic by looking up a related profession, exploring what qualifications might be needed or providing the real-world context so you can relate classroom learning to jobs and roles.

Benchmarks 2, 5 & 7 are supported by this virtual fair which makes it an ideal occasion to encourage students to visit the stands, learn about available opportunities and raise awareness of the skills employers want in their employees.

Similarly, students need to understand and communicate their *essential* skills development.

- **Communication:** being able to **listen** and **speak** about topics as well as understanding when they are being influenced by what they hear or read.
- **Self-management:** **staying positive & aiming high**, especially in the face of adversity
- **Creative problem-solving:** find **solutions to problems** and be **creative** with it.
- **Working with others:** support development in others through effective **leadership** and work cooperatively showing **teamwork**.

These are valuable skills sought by employers and will stand them in good stead in whatever path they choose to take when they leave school.

STEM Learning has [guidance and resources](#) which you can use to support the school careers plan, develop your knowledge and understanding and provide you with ideas:

- Teachers Guide linking careers to STEM curriculum: <https://www.stem.org.uk/rxgrh4>
- A Future STEM is a booklet with careers led activities you can do in any subject: <https://www.stem.org.uk/rxg7nh>
- Gatsby Benchmarks poster: <https://www.stem.org.uk/rxfkfr>
- Top ten employability skills poster: <https://www.stem.org.uk/rxesdf>
- Universal Framework for Essential Skills: <https://www.stem.org.uk/rxfum6>
- [Career profiles and interviews with STEM professionals](#)