

**Ripon Grammar School
CAREERS AND HIGHER
EDUCATION EVENING**

**Wednesday 14th March 2018
18:30 — 20:30**

Visitor Guide



We are very pleased to welcome you to the Ripon Grammar School Careers and Higher Education Evening, 2018. Our hope is that it provides you with information that will help inspire and shape your future career plans.

The aims of the event are:

- to raise awareness of a wide range of career and further educational opportunities;
- to help you to find out more about courses and careers that interest you by talking to people with first hand knowledge;
- to give you an opportunity to ask exhibitors for advice on the type of things you can be doing now to prepare for the careers and courses that interest you most.

This booklet contains information on the organisations taking part together with a floor plan indicating the location of each one.

We would welcome your feedback to help with the planning of future events and it would be appreciated if you took a few moments to complete the evaluation form and post it in the box in the foyer as you leave.

We would like to thank everyone who has been involved with the RGS Careers Evening, including school staff, parents, students and governors. In particular we would like to express our thanks and appreciation to the participants from all of the organisations represented this evening, who have kindly given their time to share their knowledge and experience.

We hope that you have an informative and successful evening.

Jill Locke

Head of Careers

Hall

1	Royal Air Force	We have a wide range of careers in the RAF, including engineering, medical, logistics and a great deal more.
2	Charles Stanley	Charles Stanley is here to help you achieve your financial goals. Our focus on clients has endured since the foundation of Charles Stanley in 1792 and has helped make us one of the UK's leading wealth management firms. Whether you are a private investor, a charity or pension trustee, a financial adviser or an institution, your interests give shape to everything we do for you. There are more than 800 of us working across 24 locations in the UK, with more than £22 billion in funds under our administration.
3	University of Bradford	The University of Bradford is a world-leading technology University, providing excellent teaching in several areas. Most notably, we are leading the UK in health professions (nursing, physiotherapy, midwifery, pharmacy, optometry), media areas (film & television production, animation) and medical sciences (clinical sciences, biomedical). Our university believes in the power of personal development and provides its students with opportunities to do so; whether through work placements, study abroad opportunities, our Students' Union or academically focused opportunities.
4	Stephenson Control Systems	Stephenson Control Systems Ltd (est. 1968) is a family run business based in Killinghall, Harrogate. Stephenson's design, manufacture and install electrical control panels and control systems. Stephensons have manufactured and installed control equipment in a wide range of industries in the United Kingdom and in a range of markets including heavy industry, power generation, manufacturing, food & confectionary and leisure.
5	Teesside University School of Science, Engineering & Design School of Sport and Exercise	The School of Science, Engineering & Design at Teesside University offers a wide range of undergraduate courses in Life and Physical Sciences, Crime, Forensic Science and Investigative Sciences and Engineering. We offer unique and distinctive styles of courses with one aim in mind: to develop the next generation of problem solvers, innovators and leaders that employers and society need. Our aim is to provide you with an excellent university student experience, and at the same time to equip you with the skills, knowledge and confidence that will launch you, as a graduate, on your chosen career path. This year, our Engineering students are venturing into the realm of Space by launching a rocket, so come and meet Dr Atma Prakash to hear all about it! The School of Sport and Exercise will also be represented which offers a wide range of courses.

Hall (continued)

6	Saffery Champness	We are a top 20 firm of chartered accountants and registered fiduciaries whose concept of service is to solve problems, take advantage of opportunities and turn advice into action. For over 160 years we have provided advice to our clients and, thanks to our distinctive partnership culture, we work together to deliver the very best for them.
7	Covance	We're dedicated to advancing healthcare and delivering Solutions by providing high-quality non-clinical, pre-clinical, and clinical and commercialization services to pharmaceutical and biotechnology companies associated with drug development. We also offer laboratory testing services to the chemical, agrochemical and food industries and are a market leader in toxicology services, central laboratory services, discovery services and a top global provider of clinical trial management services.
8	SDA Architects	We provide architectural services across a range of sectors from automotive to education and commercial, providing designs from inception to completion on site.
9	University of Leeds, School of Aviation and Process Engineering	Aviation at the University of Leeds offers two degrees : BSc degrees in Aviation Technology with Pilot Studies and Aviation Technology and Management. The degree is an excellent preparation for students who wish to train to be commercial airline pilots.
10	Unity Technologies	The software that we develop is called Unity. It's a cross-platform game engine that is primarily used to develop both three-dimensional and two-dimensional video games and simulations for computers, consoles, and mobile devices. Background in the games industry in general, particularly in computer programming.
11	Cummins	Global company that designs, manufactures, and distributes engines, filtration, and power generation products. Cummins also services engines and related equipment, including fuel systems, controls, air handling, filtration, emission control and electrical power generation systems and, more recently, <i>electrified</i> power systems.
12	Microsoft	Microsoft develops, manufactures, licenses, supports and sells computer software, consumer electronics, personal computers, and services. At Microsoft our mission and values are to help people and businesses throughout the world realize their full potential.

Hall (continued)

13		Oculus provides financial planning services to business owners, professionals and the retired. We will guide you in making important financial decisions whilst always maintaining your best interests at the heart of the advice process. No matter what stage you have reached in life, there is no substitute for professional financial planning and Oculus is well placed to effectively deliver this via its team of experienced, highly qualified advisers.
14		Biomedical science is a great lab-based career for lovers of human biology and can be used as a gateway degree for post-graduate entry into medicine. Working in the NHS, biomedical scientists process over 80 million patient samples per annum and work at the cutting edge of healthcare science to improve disease diagnosis and treatment for all.
15		Northern Powergrid is the electricity distribution network operator for Yorkshire, the North East and Northern Lincolnshire. More than 3.9m households and businesses rely upon us for a safe and reliable electricity supply all day, every day. We currently hire and train around 75 people each year to work on our network and we have graduate, trainee engineer and apprenticeship intakes planned through to 2023.
16		Brentwood is an independent firm of Mechanical, Electrical and Public Health (MEP) consulting engineers. We work across all sectors of the construction industry and provide low and zero carbon design solutions, to achieve the best possible outcome for the life of a building.
17		The University of Nottingham, described by <i>The Times and Sunday Times University Guide 2016</i> as 'the nearest Britain has to a truly global university', has award-winning campuses in the United Kingdom, China and Malaysia and hosts a truly global academic community in all three countries. The University offers more than 280 UK-based undergraduate degrees, covering arts, business, engineering, law, medicine, science and social science.

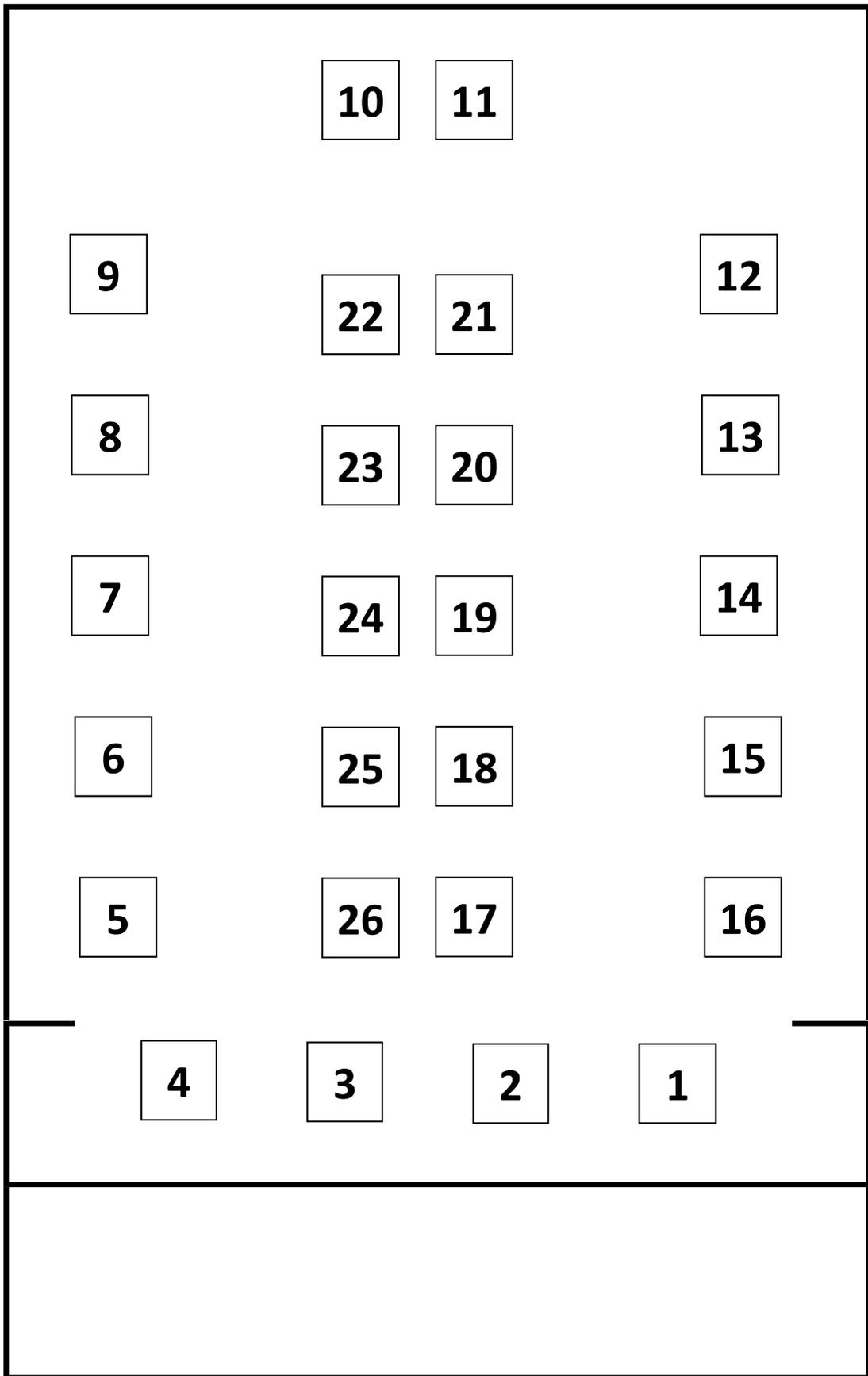
Hall (continued)

18		Offering degree apprenticeships in business, finance, operations, engineering and many other courses for 18+, we also offer work experience for 14-19 years. Nestle are a manufacturer of chocolate and sweets and we also make water, SMA baby milk etc.
19		Durham is a world top 100 University, with access to research-led education delivered by world-leading experts in outstanding study facilities. Durham is a diverse university and welcomes students from 156 countries. We have exciting proposals for the future to ensure we continue to produce world-class research, education and student experience, as well as developing links with business and industry.
20		I design software applications for companies across the financial technology, defence, energy and transport sectors. I am a chartered engineer and started my career on an engineering graduate development scheme at British Aerospace, before working for London Underground and eventually setting up my own company and working as a contractor in London. I am currently working for UBS Investment Bank.
21		76 different job roles across combat, engineering, logistics, medical, music and ceremonial, intelligence and IT and also providing security.
22		Banking has never been as exciting as it is today. With technology and new legislation encouraging the increased use of data, everything is changing. Careers at Barclays are varied, technology, investments, marketing, accountancy, strategy, leadership, retail... the list is endless. You can join Barclays from GCSE, A-Level, Degree or MBA levels – we even have an over 50's Apprenticeship! I personally joined the Sponsored Degree Programme after 6 th form at Ripon Grammar School , now coming to the end of my Graduate Programme. Come and have a chat, more info here too: https://joinus.barclays/emea/

Hall (continued)

23	Harrogate and District NHS Foundation Trust / Chartered Society of Physiotherapy	Able to offer advice about careers in physiotherapy and employment within the NHS.
24	Quants Environmental	Applied Ecologists – planning, trees, botany, protected species (badger, birds, otter, water vole, bats, great crested newt etc), invasive weeds & habitat creation work.
25	Boots UK	Global health and beauty retailer with community pharmacy at the heart of its brand with industry-leading graduate and pharmacy development programmes.
26	Green-tech	Green-tech is an award winning landscaping supplier, offering a huge range of quality landscaping materials and wholesale garden supplies with innovative products that enhance, protect and improve plants and their environment.

Hall: location of stands



Gym

27	Institute of Physics and Engineering in Medicine	IPEM is concerned with the application of physics and engineering in healthcare.
28	Centre for Process Innovation	CPI is a constituent of the UK CATAPULT Network. We undertake scientific research programmes that enable UK industry to translate new discoveries into high value commercial products. We work in the healthcare, electronics, engineering and chemical sectors at our facilities in the North East, Midlands and Scotland. Our customers include international companies GlaxoSmithKline, Apple, Arm, Jaguar LandRover Rolls-Royce, AkzoNobel, Cadbury, Unilever and 100 local firms.
29	DSSR (Consulting Engineers)	DSSR is an award-winning international firm of consulting engineers. The company is one of the largest independent building services consultants in the UK, with offices in Glasgow, Harrogate, London and Manchester. We provide a complete service in all aspects of design, supervision and installation of mechanical and electrical engineering services for all types of buildings. This encompasses everything from the full design and specification of systems to thermal modelling calculations, energy studies and preventative maintenance management. For more details refer to www.dssr.co.uk
30	Met Office	We provide weather forecasts for the RAF, helping them to achieve their objectives safely and efficiently.
31	National House Building Council	NHBC is the leading home construction warranty and insurance provider for new and newly-converted homes in the UK. Building control, consultancy and testing for regulatory compliance as well as technical guidance and support are just some of the additional services NHBC offers. Careers in building surveying, engineering, fire engineering and insurance claims handling are all offered.
32	Newcastle University	You are at the heart of everything we do. We are continually investing in our campus, facilities and opportunities, to make sure you have the best experience possible. Join the 19,694 undergraduates learning together at Newcastle. With over 200 degrees to choose from, it's easy to find your perfect course.

Gym: (continued)

33	North Yorkshire Youth–Volunteering Project	Our project supports young people to find and set up a suitable volunteering placement that matches their interests and availability, and our volunteer co-ordinators will offer support throughout the placement. The project is for ages 14-25yrs, and can be done individually or in as part of a group. Volunteering can offer you new challenges, the chance to meet new people, develop life and work skills and have fun!
34	Heriot-Watt University	Heriot-Watt is a specialist, pioneering University, with a global presence, world-renowned, innovative research and highly employable graduates. Established in 1821 we now boast 5 global campuses in Edinburgh, Galashiels, Orkney, Dubai and Malaysia. We are specialists in engineering, business and science and leaders in innovative global education for a future world. Our parkland campus has a range of excellent facilities, including new on-campus accommodation for our students and ORIAM Scotland’s National Performance Centre for Sport, a stunning £33 million purpose-built sports facility.
35	North Yorkshire Police	Varied careers in the Police Service.
36	University of Leeds, Widening Access to Medical School Team (WAMS)	We, as medical students, help students who are mainly from widening participation backgrounds by running workshops on things like ethics and communication skills, in order to provide them with confidence for them to apply to medical school. Able to offer general advice and guidance about entry to medicine and the course at the University of Leeds.
37	Glasgow Caledonian University	STEM related programmes in the Built Environment, Engineering and Computing. The degree programmes are employment orientated, many being accredited by professional bodies (such as the Royal Institution of Chartered Surveyors). The programmes direct the student into niche areas such as cyber security, instrumentation and control, 3D animation, building surveying, quantity surveying, digital design, etc. Refer to https://www.gcu.ac.uk/media/gcalwebv2/study/prospectus/GCU-Undergraduate-Guide.pdf for more options.
38	Church Lane GP Surgery	Church Lane Surgery is a GP Surgery in Boroughbridge, serving a population of over 10,000 people. Dr Preece also writes for On Medica, a website for medical professionals. As such he will be happy to discuss everything from a career in General Practice itself, to the future direction of the NHS as a whole!

Gym: (continued)

39	University of Sheffield	Sheffield is one of the UK's leading research-led universities and a founding member of the Russell Group. Our 5 faculties offer a range of courses in arts and humanities, engineering, medicine, dentistry and health, sciences, and social sciences. Many of our students take a work placement or spend time studying abroad as part of their degree.
40	Askham Bryan College	Askham Bryan College near York offers high quality teaching in subjects such as agriculture, animal care, countryside management, engineering, horse management, horticulture, motorsport, sport, tree surgery, uniformed public services and veterinary nursing. Progression from level one up to degree level is possible, based on ability and qualifications. Free transport is also available for full time students.
41	Lucite International	Lucite International (part of Mitsubishi Chemical Corporation) is a global leader in the design, development and manufacture of acrylic-based products. We have manufacturing sites in the UK, Europe, Middle East, North America and Asia Pacific, and sell our products all over the world. Probably our best known brand name in the UK is "Perspex".
42	Harrogate Borough Council	We are a local government organisation providing an enormous range of public services to the 157,000 residents and businesses of the Harrogate District, e.g. sport and leisure, environmental services, housing, planning and events.
43	York St John University Dept of Physiotherapy	Provides undergraduate course in physiotherapy to qualify as HCPC registered physiotherapist.
44	Regional Education Team for the Institution of Civil Engineers	The UK currently experiences a lack of engineers of all disciplines. RET is part of the Institution of Civil Engineers and our goal is to promote civil engineering to students around the country. Our team comprises of very enthusiastic volunteers and ambassadors from the civil engineering industry who are always keen to support the younger generation.

Gym: (continued)

45	The University of Huddersfield	The University of Huddersfield is a modern, innovative university with a wide range of courses and great industry contacts. Over the past few years it has won a number of awards such as TES University of the Year and in 2017 was rated Gold in the new Government Teaching Excellence Framework. The University's stand will represent all subject areas which include sciences, art & design, health, business, law, music, teacher training and engineering.
46	Lower Ure ConservationTrust	Nature conservation in post-mineral extraction landscapes including the creation of new, species rich habitat and the maintenance of the existing local nature reserve at Nosterfield.
47	University of Manchester	The University of Manchester has successfully been turning enthusiasm into achievement, and revolutionary theory into ground-breaking practice, for more than 180 years. Today, we are one of the best performing universities in the country and attract the best scholars and teachers. In total, 25 Nobel Prize winners have worked or studied at the University. Cutting-edge research and innovation feeds into our courses and students who study at Manchester will find countless opportunities for extra-curricular activities and for developing employability skills.
48	UCFB	A Higher Education institution offering unique degree pathways into the various fields of the sporting industry, all taught from the Etihad/Wembley stadia and surrounding facilities.
49	Bishopton Veterinary Practice	Small and large animal, including equine, practice.
50	GCHQ	GCHQ is a security and intelligence organisation tasked by Government to protect the nation from threats. UK citizens today conduct much of their lives over the internet, as do the Government, the Armed Services, Law Enforcement and industry. For the UK to be safe and successful, the cyber connections and infrastructure we use need to be safe and secure, and GCHQ plays a major role in making that a reality using our expertise and experience. GCHQ plays a part in the fight against terrorism, drug trafficking, and other forms of serious crime, as well as providing support to military operations across the world.

Gym: (continued)

51	Loughborough University	Loughborough University has offered the best student experience over the last decade (THE Student Experience Survey 2017). Based on a superb 440-acre single-site campus, Loughborough caters for every aspect of student life. All undergraduate courses offer a paid placement year, whilst the award-winning Loughborough Students' Union ensures that Loughborough remains the very best place to live and study.
52	Network Rail	Network Rail is the owner and infrastructure manager of most of the rail network.
53	Ashby Dental	General dental practice in Wetherby. Providing oral health care for all ages of the population. Advice also available about careers in orthodontics.
54	University of York and Physics Department at University of York	<p>Founded on principles of excellence, equality and opportunity for all, the University of York opened in 1963 with just 230 students. Since then York has become one of the world's leading universities. York is a high-performing Russell Group university that provides an outstanding environment for enquiring minds, inspiring teaching and ground-breaking research offering a range of undergraduate programmes in arts, humanities, science and social sciences.</p> <p>The Physics Department at the University of York offers degrees with focus ranging from fundamental physics to real world application. By studying in a friendly inclusive department alongside world leading academics you will gain the knowledge and skills required to succeed in careers within physics, as well as a wide range of industrial sectors.</p>
55	Year in Industry / Engineering Development Trust	The Engineering Development Trust (EDT) enthuses and inspires young people to choose STEM futures through tasters, projects and placements. EDT is a national educational charity and is the largest provider of STEM outreach in the UK working with over 30,000 young people per year providing successful programmes and activities for over 30 years.

Gym: (continued)

56	Golden Frog PR	Golden Frog provides a range of professional marketing, sales and PR services, allowing companies to raise their profile and enhance their reputation through effective communication. Example services include: marketing communications, branding, websites, video production, social media management, press liaison, event management, exhibition support and direct telemarketing.
57	BCS Design Ltd	Provides civil and structural design solutions to the rail, highways and civil engineering industry.
58	Lancaster University	Lancaster University is currently The Times and Sunday Times Good University Guide 'University of the Year 2018' as well as being ranked in the top 10 in three major UK league tables (6 th The Times 2018, 9 th The Guardian 2018, and 9 th The Complete University Guide 2018). The University was recently awarded Gold in the Teaching Excellence Framework (TEF) 2017.
59	University of Dundee	In addition to receiving the TEF Gold award, the University of Dundee ranks amongst the top 25 universities in the UK and is ranked 1st for Dentistry and Design & Crafts (Guardian University Guide 2018). We are one of the world's top 200 universities, according to Times Higher Education's World University Rankings 2018 and a survey published by the Higher Education Statistics Authority in June 2017, shows that 95.8% of Dundee graduates were in work or further study six months after graduation.
60	North Yorkshire Fire Service	As NYFRS, we fight fires, attend road accidents, chemical spills, entrapments, flooding and animal rescues. As well as that, we train constantly, and inspect homes and businesses for fire safety.

Gym: location of stands

