

WILMINGTON
GRAMMAR SCHOOL FOR GIRLS

CAREERS NEWSLETTER

This newsletter is a collation of all the opportunities we have heard about from employers and universities. Please use the links included to read more information and apply to anything you are interested in. Links are underlined.

 [Listen to this newsletter](#)

OPPORTUNITIES

World Space Week is an international celebration of science and technology, and their contribution to the betterment of the human condition. The United Nations General Assembly declared in 1999 that World Space Week will be held each year from October 4-10. These dates commemorate two events:



- October 4, 1957: Launch of the first human-made Earth satellite, Sputnik 1, thus opening the way for space exploration
- October 10, 1967: The signing of the Treaty on Principles Governing the Activities of States in the Exploration and Peaceful Uses of Outer Space, including the Moon and Other Celestial Bodies.



In this session, NASA Flight Controller Amy Dill will be talking about her experience at Mission Control, what it's like to help astronauts while they are in space, the role of rockets, and what skills are needed to work in the space sector.



Astro Pi Mission Zero is a free, beginner-friendly challenge from ESA and the Raspberry Pi Foundation. In under an hour, participants write a short Python program that displays an image or animation on an Astro Pi computer aboard the International Space Station. The program also reads live data from the Astro Pi's colour and luminosity sensor to set the background colour, so the artwork responds to real conditions in space. No previous coding experience is needed, and no physical kit is required.



Space - the final frontier, now closer in reach than ever before. Companies worldwide are looking to the skies with the hope of exploring, and being one of the leading stars in the space sector. But, what do they need to get there, and how does the Civil Aviation Authority come into this? Join this Sprint with the Civil Aviation Authority, and use your skills to understand the process of preparing a spacecraft launch licence application, and, with the help of expert professionals, you'll understand key aspects around exploring space.



In this captivating Subject Spotlight, Paul Sant presents: Computer Science: Space explanation, AI and beyond. He explains what computer science is, fundamental skills for a computer scientist and how computer science has revolutionised industry. Paul then talks about why AI is the future for learning, considers the failings of AI, and discusses the impact of AI on society in the modern age. Paul discusses the role of computer science in the fascinating case study of the Mars Rover, which failed and crashed in 1999.

JOB OF THE WEEK



Planetary Scientist

A planetary scientist studies the origin, evolution, and physical characteristics of planets, moons, asteroids, and other bodies in the solar system. To access this role, you often need to earn an undergraduate degree in physics, geology, astronomy, chemistry, or planetary science. You will need strong abilities in mathematics, computer programming, data analysis, and scientific problem-solving.

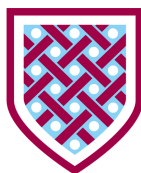
LABOUR MARKET FACT

The UK space industry directly employs around 55,550 people, with employment growing by nearly 7% in a single year (2022/23).

When supply-chain and wider supported jobs are included, the sector supports around 137,000 UK jobs.

[Source](#)

If you have any questions or need support, please email
Mrs Kennedy LKennedy@wgsg.co.uk



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The UK Parliament Work Experience programme is ideal for students who want to gain more experience in the world of work. This programme is delivered remotely via Waypoint, a platform provided by SixtyLearn, enabling more young people to gain insight into careers at Parliament. This programme gives you the chance to explore Parliament as a workplace, try realistic tasks inspired by real roles, get personalised feedback to help you grow, and learn about the teams that make Parliament happen!



Free webinar for Year 12 and 13 students and parents: What Top Universities Are Really Looking For. Former Head of Careers Kate Grace will discuss how admissions tutors read personal statements and what builds a truly competitive application. It runs Wednesday, 30 September, from 7 to 8 pm. Slides and a replay will be sent to everyone who registers.



If you are interested in applying for the RPC Solicitor Apprenticeship and would like to find out more, you can attend their virtual insight evening which will run from 5 pm – 7.30 pm on Wednesday 14 October 2026. It's a fantastic opportunity to gain an insight into their work and clients, get to know their people, hear about the apprenticeship study course from The University of Law and ask their apprentices first-hand about their experiences. Their early talent team will host the event and will be on hand to answer questions and provide advice on how to apply.



The National Cyber Force is a partnership between defence and intelligence, responsible for operating in and through cyberspace to counter threats, disrupting and contesting those who would do harm to the UK and its allies, to keep the country safe and to protect and promote the UK's interests at home and abroad. Working in cyber provides you with the chance to use your skills to their full potential and play your part in keeping the country safe. The Government's agencies need both technical and non-technical people, with both providing their own individual knowledge and experience. By joining this insight event on Tue 20th Oct 4:30PM - 6:30PM, you'll learn about how you can get involved in vital work to keep the country safe.

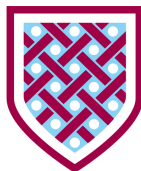
EMPLOYER SPOTLIGHT

AstraZeneca is a global pharmaceutical company that researches, develops and produces medicines used by patients around the world. Young people interested in science don't have to become doctors: its early careers opportunities cover science, engineering, manufacturing, digital technology, data and business. UK routes include apprenticeships, work experience, undergraduate placements and graduate programmes, offering different ways to begin a career within healthcare and life sciences.

UNI SPOTLIGHT

LSE is a specialist university focused on social sciences. Courses cover areas including economics, politics, law, geography, international relations, sociology, management and finance. Its central London location creates opportunities to engage with businesses, government, charities and international organisations. LSE could particularly suit students who are interested in understanding how society, politics, economics and organisations work and enjoy discussing important global issues.

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SCHOOL NEWS

Year 13 Careers and Next Steps Support Meetings

Please email Mrs Kennedy if you would like to arrange a meeting for support with university applications, apprenticeship applications, interview preparation, or if you are unsure about your future pathway.

This is an important time as you consider your next steps, and we are here to offer guidance and support to help you make informed decisions about your future.

Independent Careers Meetings



I am pleased to confirm that our one-to-one careers guidance meetings will continue this academic year. These sessions are available for Year 11 and Year 12 students, with Year 11 meetings continuing throughout this term.

Timetables are available from your Form Tutor and can also be found on your Teams Careers Page. These meetings provide an excellent opportunity to discuss your future plans, explore post-16 and post-18 options, and receive personalised advice and guidance.

Teams Careers Pages



All students have been added to their Year Group Careers page on Microsoft Teams. Please ensure you check this regularly for the latest careers news, opportunities, and events. Details and schedules for upcoming careers meetings will also be available on your Teams Careers page.

Unifrog



Unifrog is designed to support you in making the most informed decisions about your futures and has a range of tools that are suitable for all year groups. All WGSG students have their own account where they can explore all the career and next step options available to them. Year 7 will have information provided to them in October, when their new Unifrog accounts will be created.

If you have any issues logging into your accounts please contact Mrs Kennedy. To access Unifrog please [click here](#).

If you have any questions or need support, please email
Mrs Kennedy LKennedy@wgsg.co.uk