

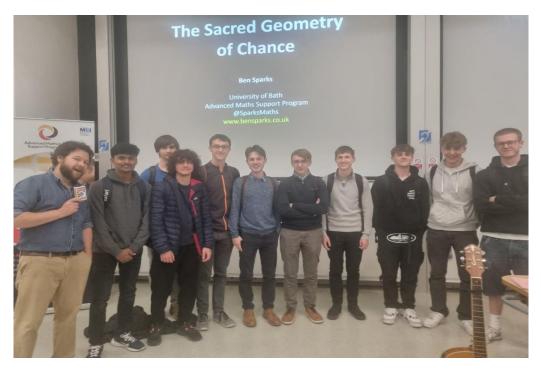
# Royal Wootton Bassett Academy Sixth Form Weekly Newsletter #153 5 July 2024





On Wednesday, A-level maths students went on a trip to Bath University to enrich problem solving skills and prepare for admissions assessments. It was great fun, and a good chance to go head to head against other schools

in the small competition. A highlight was the unique talk given by Ben Sparks (<a href="https://www.bensparks.co.uk/">https://www.bensparks.co.uk/</a>) about probability, in which he explained the odds of poker games and even won a bet against a member of the audience.



The last Skills for life day, Year 12 students enjoyed their visit to Cardiff University.

Students made great use of the open day, visited specialist faculties, attended workshops and lectures as well as exploring the Student Union, accommodation and what the city has to offer.





# CLASS OF 2024 VALEDICTORY









































GOOD LUCK EVERYONE FOR RESULTS DAY AND FOR THE FUTURE



The Year 13 ready programme will continue next week with Parent evening on Monday 8<sup>th</sup> July for those students and parents that have been invited in.

Dr Shepperson's workshops start again each ilearn Monday to Friday and Ms Pearson will be running her resilience sessions on Monday and Tuesday morning.

# Anything You set Your mind 70 DO

### Don't just listen to us, watch the YouTube clip below from Jaden Yee.



https://www.youtube.com/watch?app=desktop&v=PZAmD6mCeeY

Luckily all Year 12 students have already submitted their EPQ and today the supervisors are marking the projects. All is now completed so you can focus on your other studies.





Mrs Ellis and Mr Matthews will be running IT software sessions to allow you to ask questions and see how easy you can organise and access your digital files.

#### No question is too silly!!

Let's use our IT systems and software fully to enhance our organisation and learning.





Session times and venues will be confirmed on Monday.



Inset Day
.. school closed to
pupils

A reminder that there is an INSET on Wednesday 10<sup>th</sup> July.

Pupils are not required to attend school and can use the day to complete outstanding work, consolidate Year 12 content and get ready for Year 13!!!!



Despite it being INSET day for students we welcome all Parents of Year 12 students into school on Wednesday 10<sup>th</sup> July to attend our UCAS launch and presentation. 6-7 pm in the Sixth Form Lecture Theatre.



# Message from IT

We will be migrating student email addresses over to the new

@rwba.ascendlearningtrust.org.uk domain this week. These will be scheduled migrations running at 16:00 each day throughout the week, using the schedule below for each year group:

## Monday 8th July - Year 12

Students should expect their accounts to have moved over by 17:00. Please let your tutor groups know this change is happening and that they will want to verify that their personal devices have changed over automatically. If not, they will need to **sign out and back in**. This won't affect them signing into the school WiFi or onto a school computers, as that's just their username, but will affect Microsoft services such as email, intranet, teams etc. and will affect services that utilise their Microsoft account login.

Any issues please see the IT technicians.



Thank you all students that helped with the Year 6 Induction day last week. I know the students and staff really appreciated your support, transitioning the new students to the school.

Thank you also to all those that supported the Sixth Form induction days on Monday and Tuesday this week. We very much enjoyed the positive 'Buzz' around the block, and I know the new students appreciated your warm welcome.





https://www.speakersforschools.org/inspirational-talkslibrary/?utm\_source=Iterable&utm\_medium=email&utm\_campaign=educator



#### Industry Spotlight with Shared Services Connected Ltd

Industry Spotlight with Sowmya Pulle, Senior Marketing and Communications Managers, SSCL Monday 24th...



#### Industry Spotlight with Kio Briggs

Industry Spotlight with Kio Briggs, Author, Artist and Founder/CEO of Gifted, by Nature Thursday 20t...



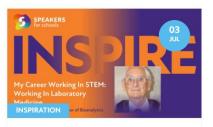
#### Industry Spotlight with Nadine Pfeifer

Industry Spotlight with Nadine Pfeifer, Founder of HopStair Tuesday 18th June KS3-5/S1-6 During this...



# Industry Spotlight with Lincolnshire Coop

Sophie Bullivant Engagement Officer & Jeff Law, Pharamacist and Teacher Thursday 4th July KS3-5 ...



#### David Holt, Emeritus Professor of Bioanalytics

Unlocking the World of Laboratory Medicine: My Career in STEM Wednesday 3rd July KS4-5 / S4-6 Profes...



# Rachel Grant, Actress and TV Presenter

Rachel Grant, Actress and TV Presenter Monday 1st july KS4-5 / S4-6 Meet Rachel, actor, entrepreneur...

# DARING TO EXPLORE WITH WORLD-RENOWNED ADVENTURER LEVISON WOOD



Join world-renowned explorer Levison Wood for a broadcast on self-discovery. Hear incredible stories from his epic expeditions, like walking the Nile and trekking the Himalayas. Don't miss this chance to learn from one of the world's greatest adventurers. This session will cover:

- · Broadcast with renowned explorer Levison Wood
- Stories from epic expeditions like the Nile and Himalayas
- · Insights on the transformative power of adventure

Monday 15th July | 10:00am - 10:45am | KS3-5 S1-6

Sign Up Now

https://forms.office.com/pages/responsepage.aspx?id=HFqhLo7yMEahv9dFTLRO664dyhYnmgxHthPFfzBd0bhUMktQQjEyQ09YV1Q2T0czMUYxU0ZHWk1PSyQlQCNjPTEu&utm\_source=lterable&utm\_medium=email&utm\_campaign=educator



Listen to Marco Ndrecaj, SSCL Director of Contact Centre Services, share his inspiring journey from a teenager learning English and working as a pot washer to a successful leader, driven by the ambition inspired by businessmen in suits.

Wednesday 10th July | 02:00am - 03:00am KS3-5 S1-6

Sign Up Now

Uncover the realm of Law in this Industry Spotlight Talk featuring Helen Chapman, Barrister and part-time Judge. Explore her journey into Criminal Law and navigating the industry as a woman and parent.

Monday 8th July | 02:00pm -03:00pm | KS3-5 / S1-6

Sign-up now

Don't miss **Marco Ndrecaj**'s remarkable story! As SSCL's Director of Contact Centre Services, he shares his journey from a young immigrant to a successful leader.

Wednesday 10th July | 02:00 -03:00pm | KS3-5 / S1-6

Sign-up now

Join us for an inspiring session with **Matt Cordas**, from pot washer to team leader. Learn CV crafting, personal branding, and interview mastery.

Friday 12th July | 10:00am -11:00am | KS3-5 / S1-6

Sign-up now

Join explorer **Levison Wood** as he shares incredible stories from his global expeditions. Discover the transformative power of challenge and adventure.

Monday 15th July | 10:00am -10:45am | KS3-5 / S1-6

Sign-up now

Join Chris Tams, Director at BPI, representing UK's music industry, for insights into music business, industry representation, and music's societal impact. Ideal for music-passionate students.

Tuesday 16th July | 10:00am -10:45am | KS3-5 / S1-6

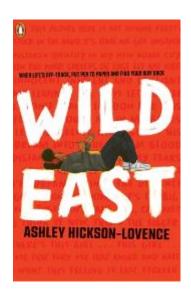
Sign-up now

Don't miss **David Lowe**'s journey in music, from TV to radio, creating iconic pieces like the BBC news intro. Learn about building a successful music composition career.

Thursday 18th July | 09:45am - 10:45am | KS3-5 / S1-6

Sign-up now

https://www.speakersforschools.org/industry-spotlight/



# Latest read from the National Teen Book Club

Wild East is a thrilling and emotional YA debut novel-inverse, following Ronny as he explores his feelings of identity, community and his passions.



BVL is a social mobility charity which seeks to engage young people from non-feepaying schools with law and legal policy. We do this with the aim of inspiring students to pursue careers in the legal profession.

We are currently accepting applications for various upcoming projects.

Some projects will take place remotely via Zoom and are open to applicants from across England and Wales and some are in-person and London based.

#### All of our projects are free of charge.

Where projects have an in-person element, travel expenses and accommodation are paid for students travelling from outside of London/Greater London.

Students may (and are encouraged to) apply to participate in multiple projects.

For more information about BVL's projects, go to <a href="www.bvl.org.uk">www.bvl.org.uk</a>.

## PROJECTS OPEN FOR APPLICATIONS

#### 1. BCL Solicitors, White Collar Crime Essay Competition

#### Overview of essay competition:

For the first time, in 2024 BVL has partnered with <u>BCL</u> to organise a legal essay writing competition. The top prize is £1,000 and other prizes for runners up. The competition is open from **29 June 2024 to 16 September 2024**.

#### **Enter now:**

To enter, candidates should upload their submission as a pdf or Word document to this link.

The essay title for the 2024 competition is as follows:

"Is there a need for Criminal Justice reform in the UK? Which areas are most in need for reform, and what specific changes would you propose."

Essays should have a word count of between 1,000 and 1,250 words. If you would like to receive occasional emails reminding you to submit your essay, please provide your email here.

To be eligible for the competition participants must be full-time students aged 16 to 19 years at a non-fee-paying school in England and Wales at the time of entry to the competition. Students who have just completed their A-Levels (or equivalent) in 2024 are eligible.



#### 2. Deka Chambers, Essay Competition

#### Ageel H Noorali Essay Competition

"Should children who commit serious crimes such as murder ever be publicly identified?"

#### Overview:

Are you interested in legal writing? Do you think you can prepare thoughtful, cogent and persuasive arguments? BVL has partnered with Deka Chambers to organise a legal essay writing competition in memory of dear friend and talented barrister, Aqeel H Noorali.

The top prize is £1,000 and a mini-pupillage, and there are also cash prizes for runners up. The competition is open from **24 June 2024 to 16 September 2024**. Winners and runners up will be invited to attend the **Aqeel H Noorali Essay Competition Reception**. Attendance at the Competition Reception is mandatory to qualify for the First, Second and Third Prize. This year, the Competition Reception will be on **19 November 2024 at 5:30pm at Deka Chambers**. This is subject to confirmation, but attendees will be informed within a reasonable period if there is any proposed change of date, time, or venue.

#### **Enter now:**

To enter, candidates should upload their submissions as a pdf or Word document to this link.

The essay title for the 2024 competition is as follows:

"Should children who commit serious crimes such as murder ever be publicly identified?"

There is a 1000 word limit.

If you would like to receive occasional emails reminding you to submit your essay, please **provide your email here**.

To be eligible for the competition, participants must be full-time students aged 16 - 19 years at non-fee-paying schools in England and Wales at the time of entry to the competition. Please see the **terms and conditions of entry**.

#### 3. Schillings Reputation and Privacy Law and Consultancy Insight Scheme

#### Overview:

Are you interested in learning more about a career at a law and consultancy firm specialising in privacy, reputation management and security? If yes, then this is the perfect opportunity for you!

For the fourth year running, Schillings is partnering with BVL to provide an insight programme for Year 12 and Year 13 students. The programme aims to provide young people with an insight into the work of the Schillings team and will include workshops on:

- 1. an introduction to Schillings;
- 2. the work of one of three teams, depending on your area of interest;
  - a. the Schillings legal team.
  - b. the Schillings critical risk, intelligence & investigations and cyber teams.
  - c. the Schillings marketing, business development, human resources, accounting, finance, IT, and compliance teams.
- 3. plus a careers workshop on CV writing, interview skills and personal branding! The 2024 programme will run in person in Schillings' offices in London on:

Tuesday 29th October, 1 to 5:30pm Wednesday 30th October, 1 to 5:30pm

#### Apply now:

The only eligibility requirements we have are that you will be 16 years or over at the time of the project and that you are studying for your A-Levels (or equivalent) at a non-fee paying school. All of our projects are free of charge for all students.

<u>Due to the in person element of this programme, we are only accepting applications within commuting distance to London.</u>

To apply complete a brief application form by clicking <a href="here">here</a> for the insight scheme.

The deadline for applications is **7pm on Wednesday 18th September 2024**. You can apply for more than one of the three insight schemes, but you will only be allocated to one.

Other information about Schillings International LLP:

Schillings is a law firm with a difference, which specialises in protecting its clients' privacy, data rights, security and reputations. Entirely unique, Schillings deploys under one roof lawyers, intelligence experts, investigators, cyber specialists, risk consultants and top people from the military, banking and government. For more information go to: <a href="https://www.schillingspartners.com/">https://www.schillingspartners.com/</a>

#### 4. 5RB Chambers, Media Law Insight Evening

BVL is once again partnering with media law barristers' chambers, <u>5RB</u>, to run a media law insight evening.

5RB is a leading set of media and communications law barristers who practise in all areas of media law including: defamation, privacy, confidence, data protection, harassment, media regulation, intellectual property, sport and human rights. The session will run between 6 and 8pm on a date to be confirmed in Summer 2024.

Apply here. Applications close at 7pm on Friday 20 September 2024.



#### Nursing

An interesting and rewarding career, lots of opportunities to specialise and work in different settings. See our 'How to become a Nurse poster for more detailed information



PART 1

#### New-born **Hearing Screener**

This career is based in the eonatal and postnatal unit of hospitals. You'll help identify which babies need testing, explain the process to new parents as well as carrying out the test.

#### Social Worker

Part of the wider healthcare team, you'll visit clients in hospital and in their homes and organise support. You'll work with lots of different people from a wide variety of backgrounds.

I HAVE AN AWESOME BTEC IN HEALTH AND SOCIAL CARE, WHERE **CAN I WORK IN THE** AWESOME NHS?

#### Radiography **Assistant**

As an assistant radiographer you'll work in both diagnostic and therapeutic radiography. You'll have the opportunity to undertake biopsies and work closely with patients

#### **Podiatry** Assistant

Podiatry assistants (also known as chiropody assistants) care for people's feet. You'll apply dressing and treatments working with children, the elderly, dancers and sports men/women!

#### Occupational **Therapy Support** Worker

These guys and gals offer support to people to help overcome problems in day-to-day activities. You'll help find solutions so people can keep doing activities that are really important to them.

#### Midwifery

Midwifes often describe their job as "privileged"! You'll work with a wide variety of healthy women who need support during their pregnancy and labour. Check out our poster for more information!







#### **Phlebotomist**

Phlebotomists take blood from people (not like Dracula though) to help diagnose illnesses. People are often VERY scared of having their blood taken, it's your job to reassure them and ease their fears.

## MEDICA MAVERIC

PART 2

I HAVE AN AWESOME

#### Healthcare Science Associate

#### In this role you'll support clinical scientist. You might

work in a pathology lab or in a cardiology department, inputting data and working directly with patients

#### Maternity **Support Worker**

You'll help care for mothers and babies, take routine observations and blood, educate parents-to-be and assist midwives during childbirth. Emergencies can happen so you need to be prepared for any situation!

### BTEC IN HEALTH AND SOCIAL CARE, WHERE **CAN I WORK IN THE AWESOME NHS?**

#### Speech and **Language Therapy**

This is a super varied job, you'll help people who have a stamme or difficulties understanding language. There a lots of reasons people have problems with speech and you get to improve their lives

#### Dietetic Assistant

You'll work with dieticians to help improve people's diet and nutrition, this could be with an individual or a community. You'll help assess, diagnose and treat a variety of dietary needs and problems.

#### Physiotherapy Assistant

massively!!

#### Healthcare Assistant

HCAs work alongside doctors and nurses in hospitals or community settings. You'll provide direct, individual care for patients. There is lots of patient contact in this career perfect for someone with epic people skills!



You'll help patients carry

out exercise plans and

treatment plans. Roles include

setting up equipment

and assisting with mobility

aids, working with people

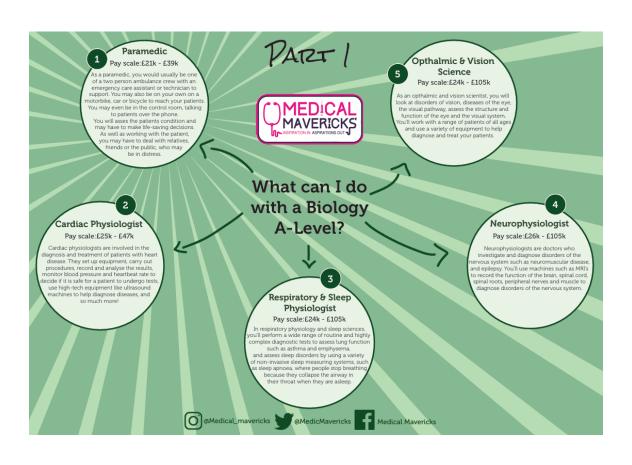
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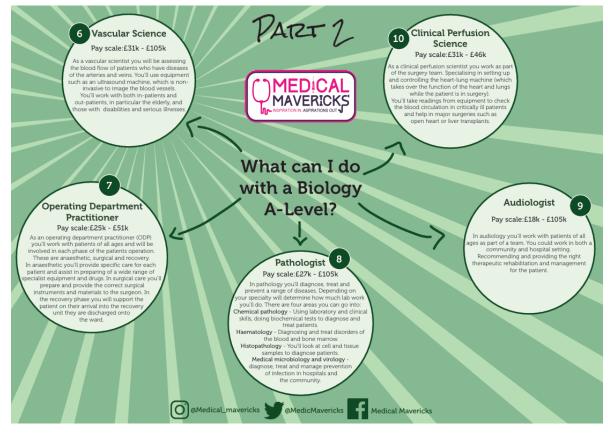
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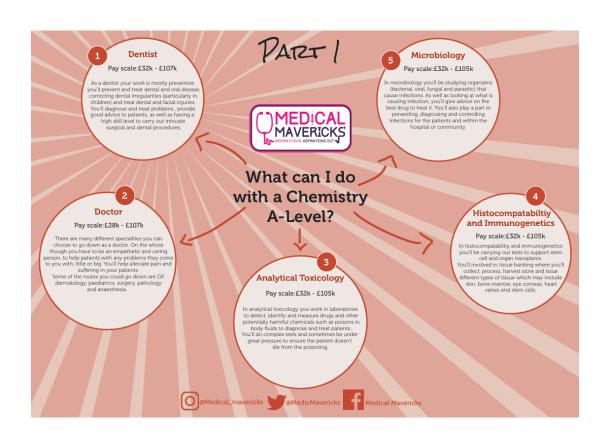


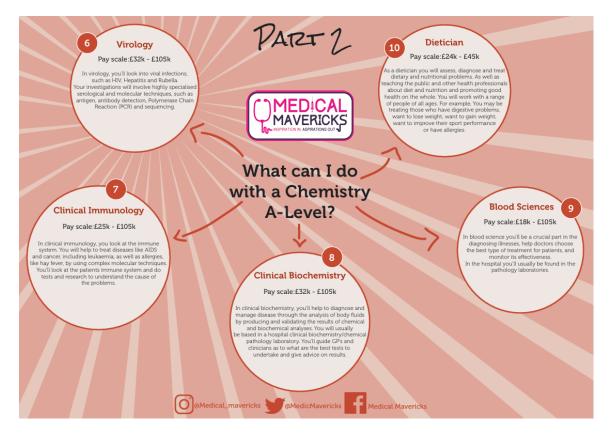














#### Radiotherapy **Physics**

Pay Scale: £22 k - £79 k Area of NHS: Healthcare Science Physical Sciences

Radiotherapy is the treatment of cancer with high energy radiation such as X-rays. Patients with various different forms of ancer will all receive radiotherapy treatment Working in Radiotherapy physics you'll help to cure people and be responsible for the precision, accuracy and safety of the treatment.



#### PART 1

WHAT CAN I DO WITH A PHYSICS A-LEVEL?

#### **Radiation Physics** and Radiation Safety Physics

Pav Scale: £22 k - £79 k Area of NHS: Healthcare Science - Physical Sciences

Lots of different forms of radiation are used in the diagnosis and treatment of patients. By working in this area you will be responsible for ensuring that equipment is safe for use, by both patients and staff. You'll use specialist equipment to measure and calculate the dose of radiation received by staff and patients.



5.

Pay Scale: £26 k - £99 k Area of NHS: Healthcare Science Physical Sciences

As a specialist in imaging, you'll work with other healthcare professionals such as diagnostic radiographers and advise them on how to produce the optimum images for the smallest amount of dosage. Your role does include quality assurance, alongside teaching, training and software development

#### Healthcare Scientist (Medical Physics)

Pay Scale: £26 k - £99 k Area of NHS: Healthcare Science Physical Sciences

As a clinical scientist specialising in medical physics you'll research, develop and test equipment used to help prevent, treat or diagnose a wide range of diseases. You will also get to develop patient treatment plans and help to protect staff and patients from radiation



#### **Medical Engineering**

**Pay Scale**: £22 k - £79 k Area of NHS: Healthcare Science Physical Sciences

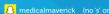
Technology is now at the forefront of patient treatment and diagnosis in the NHS, we live in the digital age! With this career you'll have a hands on role with medical devices, modifying, altering and constructing equipment. You might also consider specialising in a certain area of equipment such as Radiotherapy







4.



6.

#### Diagnostic Radiographer

Pay Scale: £22 k - £68 k Area of NHS: Allied Health Professionals

Diagnostic Radiographers use the latest technology in imaging techniques to look inside the human body. They use a variety of different pieces of kits like X-rays, fluoroscopy, CT scans and MRI to discover what is going on and to help diagnose diseases



#### PART 2

WHAT CAN I DO WITH A PHYSICS A-LEVEL?

9.

#### **Therapeutic** Radiographer

Pay Scale: £22 k - £68 k Area of NHS: Allied Health Professionals

Therapeutic Radiographers are also big user of technology, but this time the technology is used to treat conditions like cancer. You'll use X-rays and other ionising techniques to target cancers and tumours. High levels of accuracy are super important to ensure

only the cancer is targeted but the tissue around it remains unharmed.



Pay Scale: £26 k - £74 k Area of NHS: Allied Health Professionals

As a sonographer you will use 'ultrasound imaging devices' (that's an ultrasound machine to you and me) to produce diagnostic images, videos, scans and 3D volumes of the human body. You will be responsible for the interpretation of the data you collect, writing reports to send to other doctors and consultants

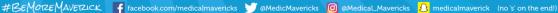
#### **Healthcare Scientist** (Nuclear Medicine)

8.

7.

Pay Scale: F22 k - F.99 k Area of NHS: Healthcare Science - Physical Sciences

Nuclear medicine is the use of radioactive substances (i.e. radiolabelled pharmaceuticals) to help treat or diagnose patients, often who are suffering from cancer. This role is extremely active and involved in treating patients. You'll be using extremely high tech and sophisticated equipment during your daily work!





## AUTUMN TERM 2024 Lecture and Event Programme

# PROFESSOR SIMON WERRETT, UCL A MOUSE AND A BEER GLASS: JOSEPH PRIESTLEY'S RADICAL EXPERIMENTS

Tuesday 10th September, 7pm, Chapel

Prof. Simon Werrett teaches the History of Science at University College London's Department of Science and Technology Studies. His first book, Fireworks: Pyrotechnic Arts and Sciences in European History (Chicago, 2010) explored relations of science and fireworks in Britain, France and Russia c.1500-1800. His second book, Thrifty Science: Making the Most of Materials in the History of Experiment (Chicago, 2019) is a ~history of experimenting in the home.



#### VALERIE PARKINSON - A LIFE IN THE HIMALAYAS

Tuesday 24th September, 7pm, Chapel

After finishing school I studied Hotel and Catering Management and then went to Germany and Switzerland to work (and learn to ski).



In 1984 I travelled to Kashmir and trekked for 15 days through Zanskar to Ladakh. This changed my life,

and after working in Ladakh I got a job with a UK company called Exodus as a trekking leader in the Himalayas. I got the chance to achieve a personal ambition when I went on an expedition to Mount Manaslu. At 8163m, Manaslu is the 8th highest peak on earth, and on the 5th October 2008 I became the first British woman to summit the Manaslu without supplementary oxygen.



In my spare time I teach step and aerobics at St Mary's Sports Centre.



#### FIONA BOOBBYER -STAMPING OUT MODERN SLAVERY

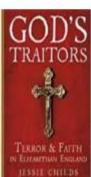
Tuesday 8th October, 7pm, Chapel

15 years ago I read about a woman who had been trafficked for sexual exploitation, and I knew I had to do something. I had no idea slavery happened here in the U.K. and my research led meto a safe house for female survivors. I learnt that it is happening all around us, hidden in plain sight.



#### JESSIE CHILDS - GUNPOWDER, TREASON AND PLOT Tuesday 5th November, 7pm, Chapel





The Gunpowder Plot is one of the hinge events of British history
- an attempted act of terror that stretches back into the Tudor
period and beyond to the Civil War, the Glorious Revolution
and Bonfire Night.

Jessie Childs is an award-winning author, broadcaster and historian of the Tudor and Stuart periods. Her second book, God's Traitors, looks at the Elizabethan roots of the Gunpowder Plot. A Fellow of the Royal Historical

Society, Jessie reviews for *The Times* and *LRB* and has contributed to numerous TV documentaries including *Armada* (BBC 2), the BAFTA-nominated *Elizabeth I's Secret Agents* (BBC 2 & PBS) and two BBC Four series on Charles I.

Copies of her books are available after the talk for signing



#### JOHN SUTHERLAND -EVERY CONTACT LEAVES A TRACE

Tuesday 26th November 7pm, Chapel



John Sutherland joined the Metropolitan Police Service in 1992, serving as an officer for more than 25 years, until his early retirement on medical grounds in 2018.

He started out as a uniformed PC, responding to emergencies on the streets of inner London. He is an experienced Hostage and Crisis Negotiator, having served on both the national and international cases.

Since leaving the Met, John has become an established author. His first book, Blue: A Memoir, was an instant Sunday Times bestseller and his second, Crossing the Line as selected as a BBC Radio 4 Book of the Week. His first novel, The Siege which introduced readers to the worlds of police negotiators and was published by Orion Fiction in June 2022 and shortlisted for the Specsavers Debut Come Novel of the Year. Its sequel, The Fallen, was published in 2023 to significant critical acclaim and the third book in the series, The Stalking Season, will be released in 2025.

This autumn, St Marys will be running a sixth form Lecture programme on some Tuesday evenings across the term, and you are warmly invited to attend all or any of the events.

To secure a seat, please can I ask that you email <a href="mailto:sixthformadmin@stmaryscalne.org">sixthformadmin@stmaryscalne.org</a> with the names of who will be attending along with any mobility needs such as wheelchair access etc. Doors at the main reception will open at 6:45pm on the evening of the lecture, please do sign in and wait to be taken through to our chapel by one of our students. Lectures should finish approximately 8:15pm.

