

#### **BARKING ABBEY SCHOOL**

#### THE HIGH PERFORMANCE PROGRAMME

#### **WELCOME**























#### **Priorities**

- 1. Mock Examinations (next week)
- 2. 3 Considerations: What am I good at?

: What do I really enjoy?

: Some Career Considerations: What do I need?

- 3.Initial Subject Selections
- 4. Further Career Considerations/ Research: Where will these subjects take me after Summer 2021?
- 5. Final GCSE Examinations
- 6. Soft Skill development/ Career insights/ Work Experience/ Post-18 Research/ A Level Preparation
- 7. Final subject Selection and Induction to Sixth Form
- 8. Post-18 Considerations continue (ongoing)

What should a student be considering for September 2021/ 2024?

If more than half their GCSEs are at Grade 7 or above?

#### A Russell Group University Education

#### The Russell Group of Universities



- University of Birmingham
- University of Bristol
- University of Cambridge
- Cardiff University
- University of Edinburgh
- University of Glasgow
- Imperial College London
- King's College London
- University of Leeds
- University of Liverpool
- London School of Economics and Political Science

RUSSELL

GROUP

- University of Manchester
- University of Newcastle
- University of Nottingham
- Queen's University Belfast
- University of Oxford
- University of Sheffield
- University of Southampton
- University College London
- University of Warwick

# Embarking on a 'Sponsored' Degree Apprenticeship with a leading company



#### Embarking on a School leaver programme



#### What is the High Performance Programme?

- A <u>personalised</u> support programme for students to gain the minimum AAB entry at A Level for a research led University (Russell Group) place or top Degree apprenticeship/ school leaver programme
- 2. A series of wide and varied <u>opportunities</u> to experience and enhance subject knowledge and an undergraduate/ professional workplace skill set
- 3. Accessing University and wider <u>expertise</u> during their sixth form studies to ensure they are equipped for the application process.





















# BARKING ABBEY SIXTH FORM HIGHER ACHIEVING PROGRAMME

#### THE RUSSELL GROUP

- Cambridge
- Bristol
- Newcastle
- Manchester
- Queens (Belfast)
- Cardiff
- Edinburgh
- Glasgow
- Sheffield
- Warwick
- Queen Mary (London)
- UCL (London)

- Oxford
- Southampton
- York
- Leeds
- Liverpool
- Birmingham
- Exeter
- Nottingham
- Durham
- King's College (London)
- LSE (London)
- Imperial College (London)























# BARKING ABBEY SIXTH FORM HIGHER ACHIEVING PROGRAMME

#### THE FACILITATING SUBJECTS



Biology

History

Chemistry

Maths

**English Literature** 

Modern Languages

**Further Maths** 

Physics

Geography

Religious Studies



















# BARKING ABBEY SIXTH FORM HIGHER ACHIEVING PROGRAMME

#### The Language Offer (GCSE/GCE)



French

•German

•Italian

Spanish

Dutch

Japanese

Persian

•Urdu

Bengali

Arabic

Latin

Turkish

Russian

Portuguese























- A young adult who adopts this mindset
- Vision: They know what they want to achieve
- Effort: They put in many hours of proactive independent study
- Systems: They organize their learning resources and their time
- Practice: They practice and develop their skills
- Attitude: They respond constructively to setbacks









## 8.9 MILES AWAY.....



#### The World's Financial Centre



# From SMF student to J.P. Morgan graduate: Ryan Daniel tells us about his journey to working at the international investment bank. (October 24, 2018)



My name is Ryan Daniel and I'm a 3<sup>rd</sup> year student of Politics, Economics & Philosophy at the University of York. I feel immensely proud to be joining J.P. Morgan as a full-time **employee as of summer 2019**. There's certainly a story behind my journey and I am keen to share it with you.

JPMorgan Chase & Co.

#### Leaders in the Finance Industry







Sandy Rattray
Man AHL

Sir John Parker **Anglo American** 

Mark Duffy
RBS/ Bank of England

## A Summer Placement at the Bank of England



## A Hub of Architecture & Engineering





#### The Heartbeat of Digital Innovation in Europe



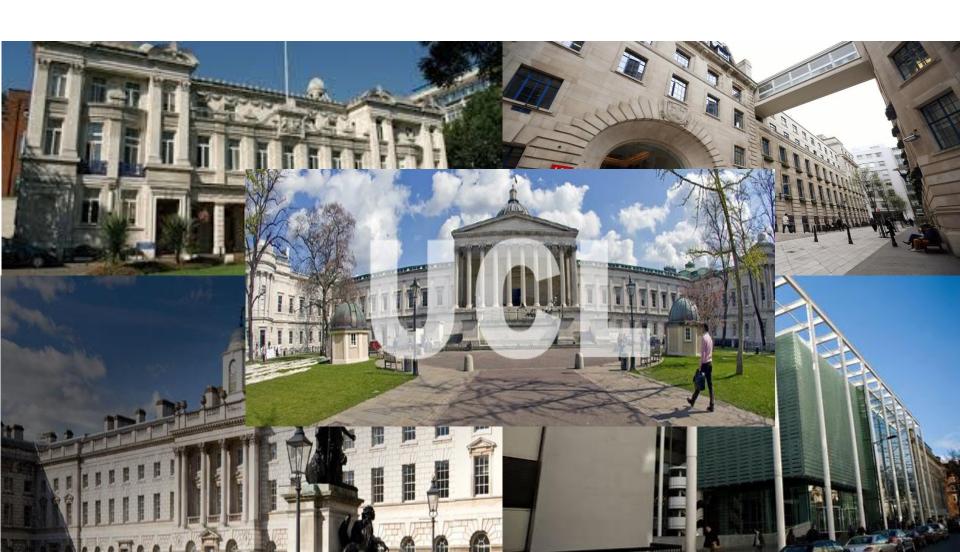
#### Cutting edge digital talks and innovators



Brian Cox You and Al

Demis Hassabis
Deep Mind CEO

## 5 of the Worlds Leading 100 Universities





#### Year 12 K+ Programme 2017-2018

	Maths & Computer Science	History & Politics	Sciences	Languages & Literature	Law	Healthcare	Dentistry
Nov	INDUCTION	INDUCTION	INDUCTION	INDUCTION	INDUCTION	INDUCTION	INDUCTION
	Thurs 23, 17:30–20:15 Waterloo campus	Mon 20, 17:15–20:15 Waterloo campus	Thurs 23, 17:30–20:15 Waterloo campus	Mon 20, 17:15–20:15 Waterloo campus	Mon 20, 17:15–20:15 Waterloo campus	Tues 21, 17:30–20:15 Guy's campus	Tues 21, 17:30–20:15 Guy's campus
Dec	K+ & YOU	K+ & YOU	K+ & YOU	K+ & YOU	K+ & YOU	K+ & YOU	K+ & YOU
	Wednesday 20th	Mon 18 <sup>th</sup>	Wednesday 20th	Mon 18th	Mon 18th	Tuesday 19th	Tuesday 19th
	9:30 - 15:30	9:30 - 15:30	9:30 - 15:30	9:30 - 15:30	9:30 - 15:30	9:30 - 15:30	9:30 - 15:30
	Strand Campus	Strand Campus	Strand Campus	Strand Campus	Strand Campus	Strand Campus	Strand Campus
Jan	ACADEMIC DAY	ACADEMIC DAY	ACADEMIC DAY	ACADEMIC DAY	ACADEMIC DAY	ACADEMIC DAY	ACADEMIC DAY
	Weds 24th	Tues 16th	Thurs 25th	Weds 17 <sup>th</sup>	Thurs 18th	Tues 30 <sup>th</sup>	Tues 23 <sup>rd</sup>
	9:30 - 15:30	9:30 - 15:30	9:30 - 15:30	9:30 - 15:30	9:30 - 15:30	9:30 - 15:30	9:30 - 15:30
	Strand campus	Strand campus	Guy's campus	Strand campus	Strand campus	Guy's campus	Guy's campus
Feb	CULTURE DAY	CULTURE DAY	CULTURE DAY	CULTURE DAY	CULTURE DAY	CULTURE DAY	CULTURE DAY
	Thurs 1st MARCH	Weds 21st	Thurs 22 <sup>nd</sup>	Thurs 15th	Weds 14th	Weds 28th	TBA
	10:00 – 15:00	9:45 – 15:30 Museum of London	10:00 – 15:30 Science Museum	10:30 - 15:00	10:00 – 15.30 Royal Courts of Justice	10:30 - 16:30 TBA	10:00 - 15:00 Strond Compus
	Royal Observatory  CAREERS DAY	CAREERS DAY	CAREERS DAY	Royal Maritime Museum  CAREERS DAY	CAREERS DAY	CAREERS DAY	Strand Campus  CAREERS DAY
Mar	TBA	TBA	Thurs 8th	TBA	TBA	Fri 16th March	Thu 1st March
	IDA	IDA	Wellcome Trust	Ibh	IDA	King's Clinical	British Dental
			Wellcome Huse			Research Facility	Association
Jun	ACADEMIC DAY	ACADEMIC DAY	ACADEMIC DAY	ACADEMIC DAY	ACADEMIC DAY	ACADEMIC DAY	ACADEMIC DAY
	Thu 28 <sup>th</sup>	Tue 26th	Tue 26th	Tue 26th	Tue 26th	Thu 28th	Thu 28th
	9:30 - 15:00	9:30 - 15:00	9:30 - 15:00	9:30 - 15:00	9:30 - 15:00	9:30 - 15:00	9:30 - 15:00
	Waterloo campus	Waterloo campus	Waterloo campus	Waterloo campus	Waterloo campus	Waterloo campus	Waterloo campus
	Spotlight Summer	Spotlight Summer	Spotlight Summer	Spotlight Summer	Spotlight Summer	Spotlight Summer	Spotlight Summer
Jul-	School	School	School	School	School	School	School
Aug	23 <sup>rd</sup> - 27 <sup>th</sup> July	23rd - 27th July	6th - 10th August	23 <sup>rd</sup> - 27 <sup>th</sup> July	24th - 28th July	6th - 10th August	6th - 10th August
	Strand Campus	Strand Campus	Guy's Campus	Strand Campus	Strand Campus	Guy's Campus	Guy's Campus

#### A Sample of our University Connections.....



LISA (UCL)

DIMPLE (LSE)



MICHELLE (QMUL)



DR CLAIRE (OXFORD)

PAUL (WARWICK)

## The Best Legal Expertise on the Planet



# The Legal Complexities of Brexit, Gender Equality, Human Rights & Democracy (in the Age of Trump)



Gina Miller

Shami Chakrabarti

Mary Robinson

James Comey

#### LONDON.....A GLOBAL HUB WHICH WE UTILISE & ACCESS DAILY

- Students must use London's current position as the World's Greatest City:
- A Global Financial/ Business Hub
- The World's most influential engineers/ architects are based here.
- Digital/Technological Hub ... Silicon Roundabout/Here East
- 5 of the World's Top Universities can be found here
- 1 of the Top Retail Centres in the World (alongside Paris & NYC)
- World Class **Sport** facilities
- Recognised as a forerunner in Legal Expertise globally
- A Cultural Hub unequalled Theatre; Museums; Galleries;
- A Creative Hub Film, Art, Music, Fashion, Books & Design
- World Class Centre for Research (Medical & Social Sciences)



# Bespoke Programmes: A wide range of personalised pathways towards university/career

- Psychology
- History/Politics
- Business/Finance/Economics
- Sport Science/Physiotherapy
- Medicine/ Dentistry
- Physical Sciences
- Pharmacy
- Engineering
- English/Journalism/ Media

- Architecture
- Computer Science
- Mathematics
- Geography
- Law
- Veterinary Medicine
- Sociology
- Applied Healthcare/Biology
- Modern Languages



## Our Architecture Pathway

• A series of **lectures/ workshops and exhibitions** run by :







- <u>Personal expert advice</u> on building a portfolio alongside rigorous interview preparation for leading courses from Cambridge to the Bartlett to UAL
- Access to a wide range of practice open days and talks from : Allies & Monaghan to Zaha Hadid Associates.
- <u>Talks</u> by leading <u>architects</u> from Richard Rogers, Norman Foster, Terry Farrell to David Chipperfield
- <u>Subscription</u> to Architects Journal.;
- London Architecture <u>Tours</u>
- University Architecture Summer Schools (UCL; Cass (London Met))
- Volunteering opportunities with Archi-kids and Open-City events
- Week long <u>Work Experience</u> opportunities to a wide variety of prestigious architecture practices from AHMM to Newground Architects



#### A Sample of our Medicine/ Dentistry Support

- Spring/ Summer Schools at QMUL/KCL/UCL/ Imperial/ Cambridge/ Oxford/ Bristol/ Durham/ Manchester/ Nottingham Universities
- Guaranteed Work Experience placement in a Hospital/ GP or Dentist Practice in the Summer Term
- Extensive Expertise and Training for <u>Personal Statement writing</u>, <u>UKCAT/ BMAT and Medical Interviews (MMIs)</u>
- Royal College of Surgeon/ St George's <u>Surgical Skills Workshop</u>
- <u>Laboratory based work</u> in leading university departments related to Medicine
- A range of <u>volunteering & educational opportunities</u> with Royal Free Hospital(Hampstead); Whittington Hospital (Highgate); Bart's & Royal London; Guys & St Thomas's, Chelsea & Westminister
- Wide variety of <u>lectures</u> run by the Royal Society, Royal institution, Friends of Imperial, UCL Lecture series, Gresham College, Conway Hall, Royal Society of Chemistry; Wellcome Centre,
- <u>Subscriptions</u> to Junior British Medical and Dental Journal to be kept informed of <u>current research and issues</u>.

#### Our Law Support Package

- Work Experience with leading Law Firms:
- **EVERSHEDS**
- ALLEN & OVERY
- HOGAN LOVELLS
- LINKLATERS
- NORTON ROSE FULBRIGHT
- CLIFFORD CHANCE
- PINSENT MASONS
- SHEPHERD WEDDERBURN
- SLAUGHTER AND MAY

- Mock Trial Workshops
- Oxford Mooting Trials
- Masterclasses on Law at LSE/ UCL and Cambridge
- Pathways programmes with QMUL/ LSE
- LNAT preparation with experts
- E-mentoring with current Law Undergraduates
- A range of workshops, debates and lectures and a residential conference looking at university applications, interview techniques, sessions on different areas of the law and an insight into the workings of the Inns of the Temple

# Our Access to Finance/ Accounting/ Economics Career Pathways

- A range of <u>lectures</u> from LSE, Gresham College and the British Academy covering national and global economic/financial issues
- Work Experience and internship Opportunities with Deloitte, J P Morgan, Morgan Stanley, Citibank, Deutsche Bank, Merrill Lynch and KPMG
- Pathways to Banking & Finance (LSE)
- **Insight Days** with ICAEW (Institute of Chartered Accountants)
- <u>LSE Choice Programme</u> which supports students through Maths, Economics & Finance based university applications providing Saturday support sessions, a Summer School, on-going mentoring.
- <u>Lloyd's Scholar Scheme</u> with UCL to explore non-university routes into Finance Industry
- Social Mobility Foundation <u>Aspiring Professions programme</u> offers students <u>4.5 years</u> of support to secure a career in : Accountancy, Banking & Finance or Business

# A Student from <u>NCS</u> (with BBD in her AS Exams) joined us in August and wanted to study Computer Science

- Naturally, I have had an interest in computers since a young age. As I grew up, my interest got more profound and I started learning new technologies on my own.
- As I would say "Computers are the most influential tools in our lives, they are our present and future".
- From my point of view in this planet nothing can really measure the exponential growth and excitement in the computer industry.
- My goals are to become a part of the team of computing and by this my main aim is to use my A level ICT as a first step to my chosen career.

#### 3 Months later as part of Barking Abbey's HPP programme:

- At <u>a recent lecture at UCL</u> by Lourdes Agapito, I was introduced to the Mandelbrot Set. Mandelbrot was the first to use a computer to visualize a formalization of "z=z^2 + c", to generate an infinite set of images. What I found fascinating was how he could use such a simple formula on a computer and create the most complex identity of mathematics. This link between Maths and computing has fuelled my desire to study Computer science.
- The Economist's article, 'The rise of the machines' focuses on a pivotal question, "When should one draw the line between humans and Artificial Intelligence?" If AI has our intellectual ability, I believe it should be classed as a human. Perhaps this becomes a matter of philosophy rather than science.
- The **Sutton Trust coding programme** has given me an insight into 'Scratch' where I could make my own games, using drag and drop programming.
- For 2 months 'The Brilliant Club', gave me the opportunity to attend university style lectures where I engaged with philosophy and mathematical dilemmas exploring with PhD students from Oxford University.
- Student also attended a Martin Ford lecture on the Rise of the Robots in late November and in January 2017 visited a big AI Debate with Professor Brian Cox at the London SouthBank Centre

#### THE CURRICULUM OFFER.....

- GCE A\*-B TARGET 'SUPER SETS' IN MATHS, SCIENCE, PSYCHOLOGY & ENGLISH
- VERY BEST & MOST EXPERIENCED STAFF DELIVERING MOST DEMANDING A LEVEL CONTENT

SUBJECT	TEACHERS
ENGLISH	MR HUSSEIN; MS HOWELLS
MATHEMATICS	MR CHOKSHI
CHEMISTRY	MS BAPORIA (2019 onwards)
ICT/COMPUTER SCIENCE	MRS WRIGHT
GEOGRAPHY	MS MURPHY
HISTORY	MR SEXTON/ MS MCQUILLAN/ MS BRUNSKILL

 HUGE EMPHASIS ON STRETCH & CHALLENGE WITH EXTENSION OPPORTUNITIES OFFERED CONTINUOUSLY THROUGHOUT COURSES.

BLOCK A	TICK BOX	<u>§</u>	TICK BOX
L3 BTEC Diploma Business		L3 BTEC Diploma Business	
L3 BTEC Diploma Sport		L3 BTEC Diploma Sport	
L3 BTEC National Extended Certificate in Dance (1 A Level)		Business	
Business		Chemistry * (2 groups)	
<u>History*</u>		Drama	
Mathematics (2 groups)		Economics	
Photography	_	English Literature *	
Psychology		Mathematics (Further)	
Physical Education		Religious Studies*	
Physics *		Sociology	
Sociology			
BLOCK C	TICK BOX	BLOCK D	TICK BOX
BLOCK C  L3 BTEC Diploma Sport		BLOCK D  L3 BTEC Extended Diploma Business	
L3 BTEC Diploma Sport		L3 BTEC Extended Diploma Business	
L3 BTEC Diploma Sport  L3 BTEC National Extended Certificate in ICT (1 A Level)		L3 BTEC Extended Diploma Business Art or Graphic Design	
L3 BTEC Diploma Sport  L3 BTEC National Extended Certificate in ICT (1 A Level)  Biology		L3 BTEC Extended Diploma Business Art or Graphic Design  Biology *	
L3 BTEC Diploma Sport  L3 BTEC National Extended Certificate in ICT (1 A Level)  Biology  Business		L3 BTEC Extended Diploma Business Art or Graphic Design  Biology * Chemistry	
L3 BTEC Diploma Sport L3 BTEC National Extended Certificate in ICT (1 A Level) Biology Business Design & Technology		L3 BTEC Extended Diploma Business Art or Graphic Design  Biology * Chemistry Computer Science	
L3 BTEC Diploma Sport  L3 BTEC National Extended Certificate in ICT (1 A Level)  Biology  Business  Design & Technology  Economics		L3 BTEC Extended Diploma Business  Art or Graphic Design  Biology *  Chemistry  Computer Science  Economics	
L3 BTEC Diploma Sport  L3 BTEC National Extended Certificate in ICT (1 A Level)  Biology  Business  Design & Technology  Economics  Geography		L3 BTEC Extended Diploma Business Art or Graphic Design  Biology * Chemistry Computer Science Economics English Literature	

## Offering our students a wide range of Opportunties

- eTrust Engineering Schemes
- K+ Programme (Kings College London)
- Dent-View and Med-View Programme (KCL)
- Gateways Conferences (UCL)
- Sutton Trust Pathways to Law, Coding, STEM
- STEM Potential Programme (Imperial College)
- Law Prime Commitment
- Cambridge Master Classes

- UNIQ Oxford
- Social Mobility Foundation (Aspiring Professions Programme)
- Pure Potential & Generating Genius Networks
- LSE Choice Programme
- Intelligence Squared Debates
- Cambridge University Cavendish Laboratory Lectures
- UCL Summer Challenges & Masterclasses

### Tapping in to a wide range of organisations

- British Academy
- Royal Academy
- Natural History Museum
- Medical Research Council
- Nuffield Research Council
- Royal Institute of British Architects
- Royal Institution
- British Psychological Society
- Royal Academy of Arts
- British Museum
- Royal Geographical Society

- Royal College of Surgeons
- National Trust
- Wellcome Trust
- Kew Gardens
- Science Museum
- Royal Academy of Literature
- British Library
- iMechE
- Gresham College
- Southbank Centre
- IET
- Tate Modern & Britain

## Soft and Fundamental Skills beyond Secondary School

- Exploring undergraduate subject discipline(s) well in advance through Independent learning
- Accessing National Institutions
- Visiting Specialist exhibitions
- Reading Relevant Current News stories
- Seeking out leading experts

   (by e-mail/blogs/twitter feeds/lecture attendance)

- Application skills
- Interpretation & Analytical skills
- Observation skills
- Evaluation skills
- Interpersonal skills
- Debating & Public speaking skills
- Time management & Organisation skills
- Critical & Lateral thinking Skills
- Problem Solving Skills
- Metacognition & Philosophy
- Interview Skills

### Bespoke Tutors Expertise around every corner

- PHYSICS SPECIALIST
- Exeter College, Oxford (2007 2011)
- Mphy Phil (Hons) Physics and Philosophy (1.1)
- Atomic, Nuclear & Particle Physics. Quantum Mechanics.
- Thermodynamics. Special Relativity. Electromagnetism etc...
- Logic & Language. Philosophy of Science. Theory of Politics.
- HISTORY/POLITICS SPECIALIST
- M.A. (Hons) History & English 1.1, St. John's College, Cambridge University.
- M.A. Acting, The Oxford School of Drama.
- Interview, Communication, & Presentation Techniques with Confidence Building & Mentoring.

#### **Tom Hyatt**



Tadhgh Barwell
O'Connor

#### Research Skills



### 'Niche' Work Experience Placements



### ReedSmith







### SAATCHI & SAATCHI





# 200+ Summer Schools......at least one for every Russell Group University

Even if you're not thinking of applying to Oxford it's still an amazing experience. You learn so much, you get to study in one of the best universities in the world and it's all free."

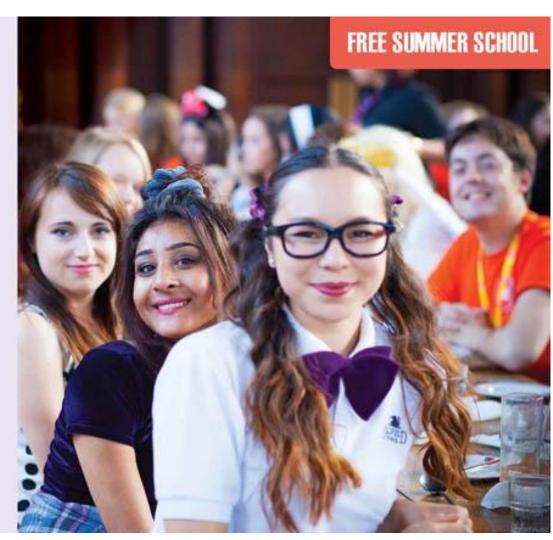
Céline,
UNIQ Oncology student







www.uniq.ox.ac.uk



### The Sutton Trust Summer Schools



A large range of 47 subjects are available at different host institutions

















### Interested in learning about American universities & culture?

#### SUTTON TRUST US PROGRAMME

UNIVERSITY ADMISSIONS SUPPORT AND A WEEK-LONG SUMMER SCHOOL



#### How you can support your child

- Encourage them to explore their prospective career route by researching University & Career Search websites
- Use next Summer's long break to explore work placements, vocational taster opportunities, NCS and University Summer Schools to acquire a wider range of skills and insights
- Enroll on a range of MOOCs (Massive Open Online Courses) to extend/ widen their subject and general knowledge
- Read a quality broadsheet newspaper and Watch a quality TV News programme (& BBC Question Time) daily alongside some Radio 4 Politics broadcasts to give them a real feel for Current Affairs
- Read some quality non-fiction books connected to the subjects they plan to pursue at A Level and beyond.

### A Crack in Creation

The New Power to Control Evolution

JENNIFER DOUDNA & SAM STERNBERG

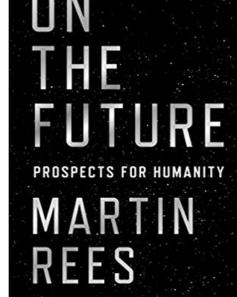
# STEPHEN



BRIEF ANSWERS TO THE BIG QUESTIONS

THE SUNDAY TIMES BESTSELLER

# Further Reading



#### The International Bestseller

Startling, vital, a life raft' ovarous

MATTHEW WALKER

Why We Sleep



The New Science of Sleep and Dreams WHY I'M
NO LONGER
TALKING



BLOOMSBURY

THE
ART F

LOGIC

How to Make Sense in a World that Doesn't EUGENIA CHENG

"Elegant and enjoyable, a book that will help you think more clearly" Daniel Levitin, author of A Field Guide to Lies and Statistics THE BEAUTIFUL

Reads like the best kind of adventure story.

One of those books that makes you look at everything

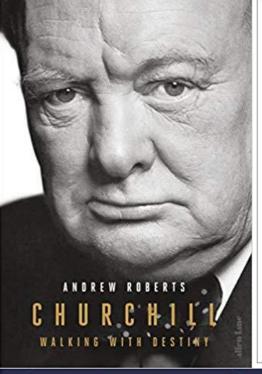
human in a new, challenging and thrilling way

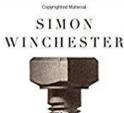
STEPHEN FRY

CURE
Harnessing Your
Body's Natural
Defences

DANIEL M. DAVIS



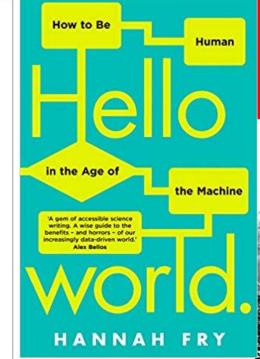






MODERN WORLD

Constituted Material



AN EPIC TRAGEDY 1945-1975
MAX HASTINGS



Crashed

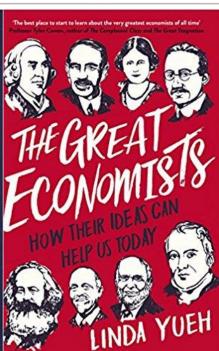
How a
Decade of
Financial
Crises
Changed
the World

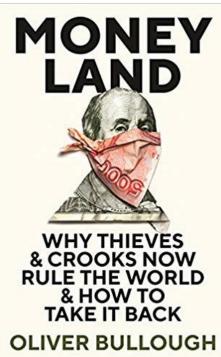
Adam Tooze

allen lane



CHRIS KUTARNA





## What Makes Barking Abbey's Programme Unique from others?

- EXCEPTIONAL PERSONAL STATEMENT & INTERVIEW PREPARATION
- **OUTSTANDING REFERENCE WRITING** TO SUPPORT UNIVERSITY APPLICATIONS
- UNMATCHED LINKS WITH UNIVERSITY PROVIDERS AND ENRICHMENT OPPORTUNITIES
- TOP QUALITY EXTERNAL TUTORING & EXPERTISE
- INDIVIDUAL AND <u>PERSONALISED NATURE</u> OF THE TUTORING AND SUPPORT OFFERED TOWARDS FACH STUDENT'S CARFER GOALS
- THE <u>TIME AND COMMITMENT</u> STAFF (BOTH SUBJECT & PASTORAL) WILL PUT INTO ENSURING YOUR CHILD ATTAINS THEIR TARGETS AND IS HAPPY WITH THEIR FDUCATION.