



**LAURUS
RYECROFT**
SIXTH FORM

Getting Ready for A Level Study

Dear Sixth Form Applicant,

We would like to extend a very warm welcome to all of you who hold a conditional offer for Laurus Ryecroft Sixth Form. We hope that you enjoyed our Induction Day and found meeting our staff useful.

Laurus Ryecroft Sixth Form offers an environment where mature young adults can thrive.

We aim for our students to have the choice of accessing the top universities and employment, to have the attitudes and habits to be successful when they get there, and the cultural preparation to think, study and lead – or influence those who lead.

We are unashamedly academic.

We are unapologetically aspirational.

We have uncompromising standards.

We look forward to welcoming you into our high-achieving community.

Registration will take place on GCSE Results Day and there will be a full induction in September.

In the meantime, we hope that you find the information in this booklet a useful guide to help you prepare for A Level study in your chosen subjects and that it answers any questions you may have.

Wherever you go to study your A Levels, it's important to hit the ground running, so get organised with equipment right from the start. If you are eligible for the 16-19 bursary, you can start to gather the evidence you need to accompany your application. All details are on our website.

We strongly recommend that you don't purchase any books or specific learning materials before your place is confirmed following registration. Similarly, we advise that you don't buy business dress for our workplace until your place here at Laurus Ryecroft Sixth Form is confirmed.

We hope you have a relaxing and enjoyable summer break. See you soon.

Best regards,



Mr. Mansfield
Director of Sixth Form

Open the door to the future of your choice



Fine Art



Biology



Business



Chemistry



**Computer
Science**



**Drama &
Theatre**



Economics



**English
Language**



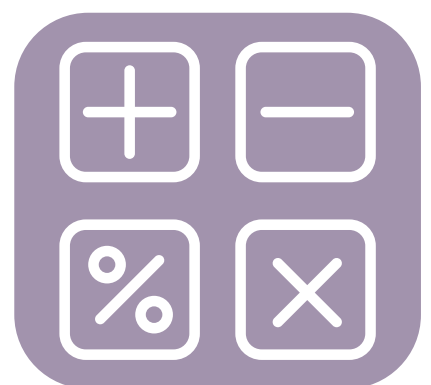
**English
Literature**



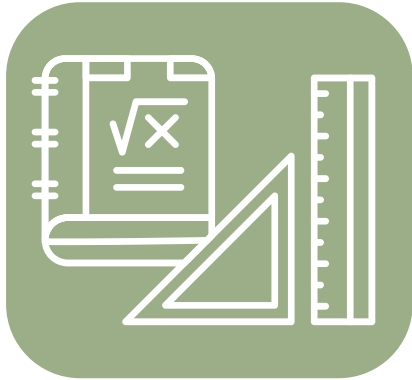
Geography



History



Mathematics



Mathematics

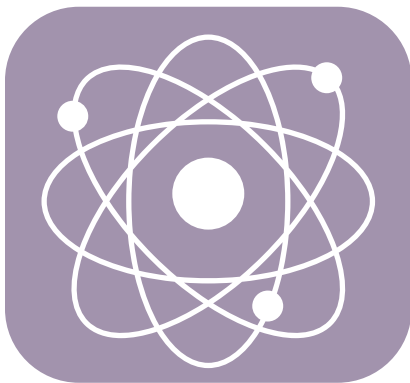


Media



**Physical
Education**

Core



Physics



Psychology



**Religious
Studies**



Spanish



THINK LIKE AN ARTIST



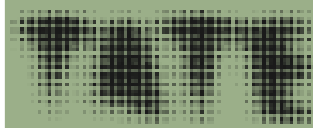
READ



Find out more about Fine Art on the Student Art Guide website

MoMA

Learn about the materials, techniques and themes of art from around the world



Research art and galleries to visit in England



WATCH



Power of Art with Simon Schama



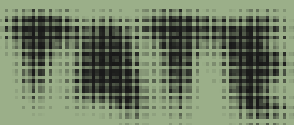
Art21 is the world's leading source to learn directly from the artists of our time



Watch the series 'What do Artists do all day?'



LISTEN



Listen to podcasts by Tate on a variety of different topics



A series on the History of Art led by the University of Oxford

the **Whitworth**

From the Whitworth's Cultural Park keeper Francine Hayfron



THINK LIKE A BIOLOGIST



READ



Read articles on
Science &
Environment



Online Science
magazine with latest
news and future
developments



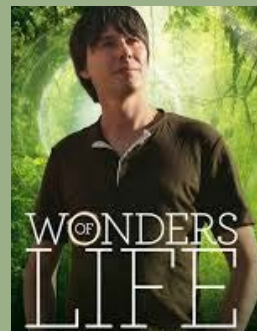
Latest news with
clear and concise
explanations



WATCH



'Cell membranes
are way more
complicated than
you think' with
Nazzy Pakpour



'Wonders of Life'
with Professor
Brian Cox



Gattaca is a film
which explores a
world where precise
genetic
enhancement is
possible



LISTEN



The Infinite
Monkey Cage with
Brian Cox and
Robin Ince



In Our Time
discusses ideas,
people and events
that have shaped
our world



Science in Action
provides weekly
Science news
from the BBC



THINK LIKE A BUSINESS OWNER



READ



Search for the latest news on Business



Focuses on Business and economic current affairs



Latest news and opinion from the Guardian



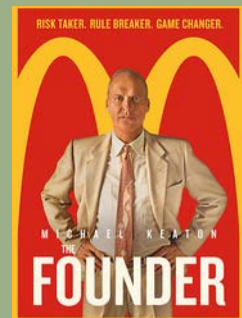
WATCH



Inside the Factory - focuses on different industries from the view of inside a factory



Watch the latest Business news and updates



The Founder - a film based on franchising and scaling a business



LISTEN



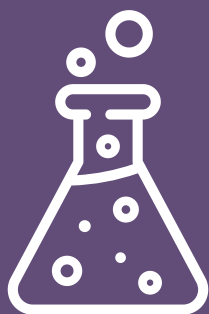
Find out how mistakes and successes can pave the way to a eureka moment



Learn how the CEO started from the ground up



Financial Times journalists discuss what is happening in finance right now



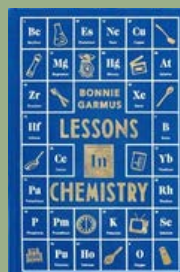
THINK LIKE A CHEMIST



READ



Latest discoveries
in Chemistry via
the Royal Society
of Chemistry



'Lessons in
Chemistry' by
Bonnie Garmus
(book also available
in the library)



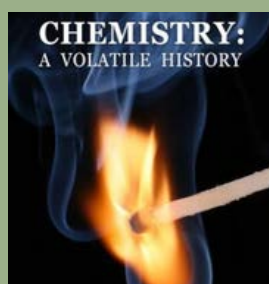
'This is going to
hurt' by Adam Kay
(book also
available in the
library)



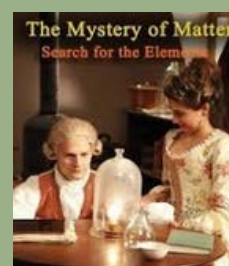
WATCH



Nile Red -
capturing the
natural beauty of
Chemistry



Chemistry - A
Volatile History
with Jim Al-Khalili



'The Mystery of
Matter' explores
the discovery of
oxygen and the
foundational
elements



LISTEN



Hannah Fry and
Michael Stevens dig
into the weird
scientific questions
that often go
unexplored



Helping you
understand A-
Level Chemistry
topics



Recorded
Chemistry lectures
by the University of
Oxford



THINK LIKE A COMPUTER SCIENTIST



READ



Computer Science news, interviews and columns

New Scientist

'Surgical robots take step towards fully autonomous operations'



'What is data mining?'



WATCH



'Why AI is incredibly smart and shockingly stupid' by Yejin Choi



'A beginner's guide to quantum computing' by Shohini Ghose



'How AI can save our humanity' by Kai-Fu Lee



LISTEN



'Cognitive Robotics' with Professor Angelo Cangelosi



'Cyber Security' with Professor Daniel Dresner



'Talking with Teo - A Google Women Techmakers Scholar'



THINK LIKE AN ACTOR



READ



‘Brecht, interruptions and epic theatre’



A devising theatre company that explores social issues happening in the world today



Join your local library and read contemporary play texts



WATCH



National Theatre ‘Backstage’ videos - a curated collection for A-Level students



The Paper Birds - 5 Key Ingredients Videos



Step-by step videos on how to create choreographed movement



LISTEN



‘Epic theatre and Brecht’



Learn more about the National Theatre productions from the people who made them



Playwrights talk about their lives, work and their relationship with the Royal Court



THINK LIKE AN ECONOMIST



READ



Search for articles on the UK & global economies



Leading global weekly news - geopolitics and economics



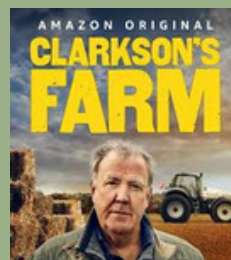
Focuses on business and economic current affairs



WATCH



A film focusing on the 08/09 global financial crisis



Reality series focusing on modern UK agriculture



Watch the latest business news & updates



LISTEN



Learn from the world's greatest economic thinkers



How numbers & statistics are used in political debate & the news



Don't just understand the economy - understand the world



THINK LIKE A LINGUIST - ENGLISH LANGUAGE



READ



Read articles
on 'Language
Learning'



'The Wild' by
Kristin Hannah -
a fiction novel
about language
learning



'Mother Tongue'
by Bill Bryson -
the story of the
English
Language



WATCH



'Arrival' - film
about an alien and
a linguist having to
communicate with
each other



'The story of
English' - traces
the birth, grow
and how English
has become
global



'How language
changes over
time' - playlist



LISTEN



'Word of Mouth'
with poet Michael
Rosen on different
linguistic topics



A-Level specific
podcast delivered
by linguists,
examiners and
teachers



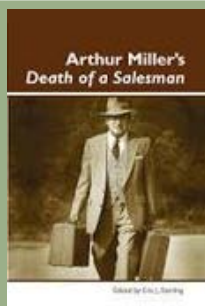
Linguistic
discrimination
and bias. (Some
explicit language
and themes)



THINK LIKE AN AUTHOR - ENGLISH LITERATURE



READ



'Tragedy and the Common Man' 1949 essay by Arthur Miller. Playwright of *Death of a Salesman*



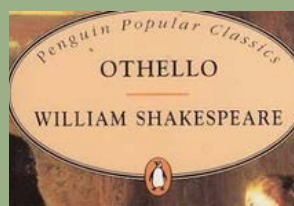
'The Perfect Crime: why thrillers are leaving other books for dead'



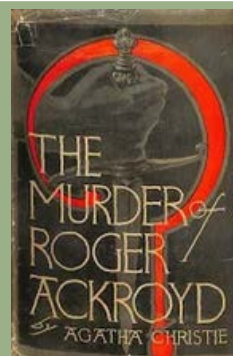
Join your local library and read at least 2 novels



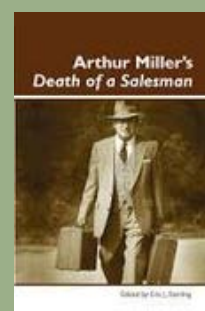
WATCH



Watch at least one stage version of Shakespeare's 'Othello'



ITV dramatisation of 'The Murder of Roger Ackroyd' and 'Poirot!'



Watch the BBC's version of Arthur Miller's 'Death of a Salesman'



LISTEN



BBC 'In Our Time' with John Keats



BBC 'In Our Time' - The Rime of the Ancient Mariner



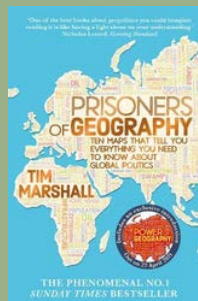
'The Play's The Thing' episode about Othello



THINK LIKE A GEOGRAPHER



READ



‘Prisoners of Geography’ by Tim Marshall



‘The Fate of the Forest’ by Susanna Hecht and Alexander Cockburn



Climate crisis ‘wreaking havoc’ on Earth’s water cycle



WATCH



‘Don’t Panic: Population Growth’ by Hans Rosling



‘We need to take action now to protect the Amazon Basin’ by Robert Muggah



‘Explained: The World’s Water Crisis’



LISTEN



‘What Japan can teach us’



‘Why does the Amazon matter?’



‘Costing the Earth’



THINK LIKE A HISTORIAN



READ



'Project Gutenberg' - a selection of free books and publications



Use the 'Open Library' to borrow millions of modern and historical History books



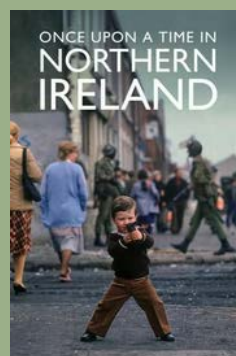
The app 'Libby' - free access to thousands of History resources



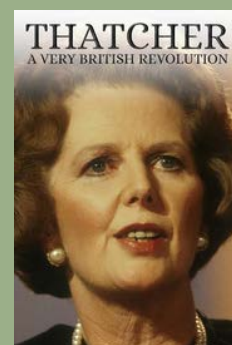
WATCH



'The Last Czars' - The fall of the Romanov Dynasty and the shadowy figure of Rasputin



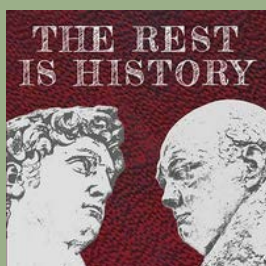
'Once upon a time in Northern Ireland'



'Thatcher: A very British Revolution'



LISTEN



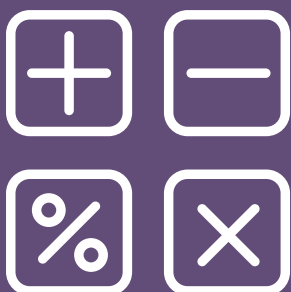
'The Rest is History' by Dominic Sandbrook and Tom Holland



'Legacy' by Peter Frankopan and Arufo Hirsch



BBC 'In Our Time' by Melvyn Bragg and Historian guests



THINK LIKE A MATHEMATICIAN



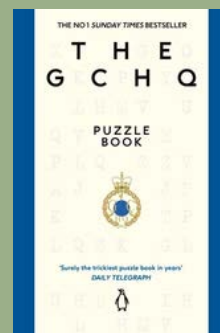
READ



Chalkdust magazine
for the
mathematically
curious



SUMS magazine for
steps to University
in Mathematics



The GCHQ Puzzle
Book



WATCH

Numberphile
supported by Jane Street

Access
'Numberphile' to
watch videos on
lots of Maths topics



'A trip to Infinity'



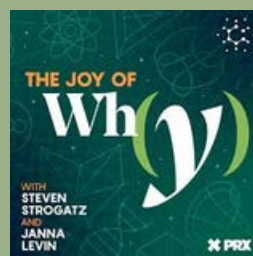
Oxford Online
Maths Club



LISTEN

Numberphile
supported by Jane Street

Access
'Numberphile' to
listen to podcasts
on lots of Maths
topics



'The Joy of Why'
Podcast



BBC Radio 4's
'More or Less'
Podcast



THINK LIKE A MATHEMATICIAN - CORE



READ

worldometer

Read world stats
and use them to
estimate



Read articles about
tax, national
insurance and
student loans

Quibans

Read articles
about interesting
statistics



WATCH



'A clever way to
estimate enormous
numbers' by
Michael Mitchell



'Money, Explained'

Numberphile
supported by Jane Street

Access
'Numberphile' to
watch videos on
lots of Maths topics



LISTEN



'The Martin Lewis'
Podcast



BBC Radio 4's
'More or Less'
Podcast



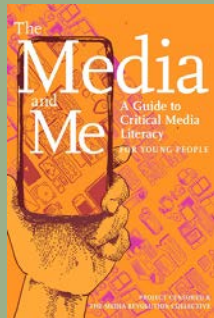
The NCETM Maths
Podcast



THINK LIKE A MEDIA CREATOR



READ



'The Media and Me: A Guide to critical media literacy for young people'



'Fahrenheit 451' by Ray Bradbury



'The Drum' brings you the latest news and events for marketing and media



WATCH



'Homecoming: A film by Beyoncé'



'The Social Dilemma'



'Post Truth Times: We the media'



LISTEN



'The rest is entertainment' Podcast



'Have you heard George's Podcast?' Podcast



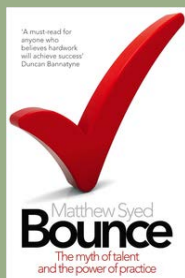
'IGN UK' Podcast



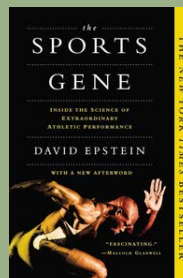
THINK LIKE AN ATHLETE



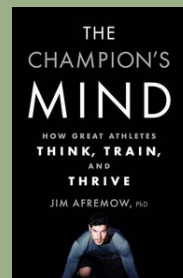
READ



'Bounce' by
Matthew Syed



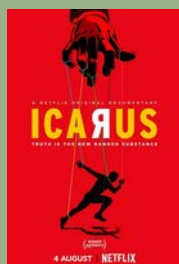
'The Sports Gene'
by David Epstein



'The Champion's
Mind' by Jim
Afremow



WATCH



Watch the
documentary
'Icarus'



'The Last Dance'



'Rising Phoenix'



LISTEN



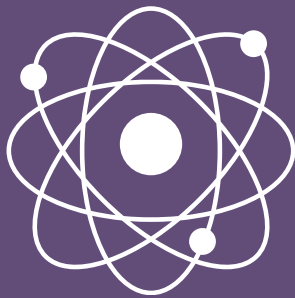
'Untapped' with
Spencer Matthews



'The High
Performance'
podcast with Jake
Humphries



BBC's 'The Sports
Desk'



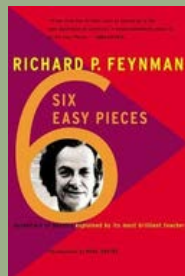
THINK LIKE A PHYSICIST



READ

physics
world

'Physics World' -
articles on a variety
of topics on Physics



'Six Easy Pieces' by
Richard Feynman

ingenia

Magazine
showcasing how
applying physics is
making a difference



WATCH



Watch the film
'Hidden Figures'
about
Mathematicians
being vital to the
space race



'Kurzesagt - in a
nutshell'

Veritasium
42.0
an element of truth

'Veritasium' -
videos, interviews
and animation on
Physics



LISTEN

The Rest Is
Science

'The rest is
Science' podcast
discussing a range
of Scientific ideas



'The Infinite
Monkey Cage' -
Physics discussed
by scientists and
comedians

physics
world

'Physics World
Weekly' - a
discussion of
current Physics
research



THINK LIKE A PSYCHOLOGIST



READ



BPS Digest:
Read mini
articles on the
latest
psychological
research



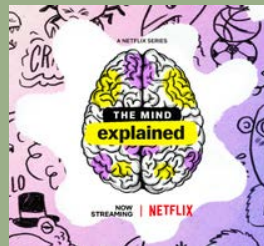
Read over
GCSE notes on
the nervous
system and
neurons



Read about the
structure &
function of the
brain



WATCH



The Mind
Series on
Netflix



Short
documentary
on the infamous
Stanford Prison
Experiment



Watch a variety
of mini videos
that cover key
psychological
concepts



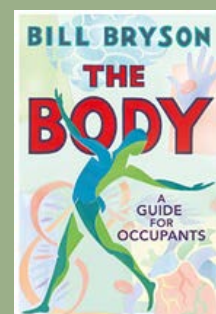
LISTEN



Listen to the
PsychCrunch
Podcast



Listen to the
Psychology
Podcast



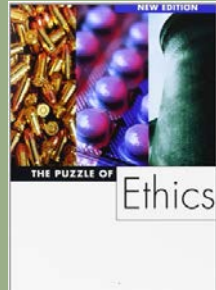
Listen as an
audiobook on
the BorrowBox
app



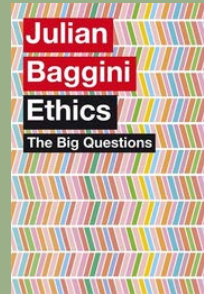
THINK LIKE A PHILOSOPHER - RELIGIOUS STUDIES



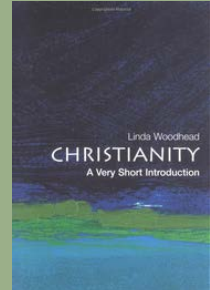
READ



'The Puzzle of Ethics' by Peter Vardy



'Ethics: The big questions' by Julian Baggini



'Christianity: A very short introduction' by Linda Woodhead



WATCH



'The story of God' - with Morgan Freeman



'Life of Pi'



'The Good Place'



LISTEN



BBC Radio 4 - 'Moral Maze'



'In our time: Philosophy' podcast



'In our time: Religion' podcast



THINK LIKE A BILINGUIST - SPANISH



READ



Revise your
Spanish GCSE
content



'Homage to
Catalonia' by
George Orwell

The
Guardian

Read what is going
on in the Spanish-
speaking world



WATCH



'Easy Spanish'



Watch films, TV
shows or
documentaries in
Spanish



Spanish Civil War
Documentary



LISTEN



'Easy Spanish'
podcast



Listen to Spanish
music like Rosalía



'Coffee Break
Spanish' podcast

COURAGE

SOCIAL INTELLIGENCE

VITALITY **CURIOSITY**

PERSEVERANCE

INTEGRITY **GRATITUDE**

SELF-CONTROL

OPTIMISM

**OPEN THE DOOR TO THE FUTURE
OF YOUR CHOICE**