

Many of the books listed are available in the Longsands Library.

SCIENCE

The Hitchhikers Guide to the Galaxy by Douglas Adams
 Jurassic Park by Michael Crichton
 Frankenstein by Mary Shelly
 Children of Time by Adrian Tchaikovsky
 The Martian by Andy Weir
 Exhalation by Ted Chiang
 What if? Randall Munroe
 How to. Randall Munroe
 Thing Explainer: Complicated Stuff in Simple Words by Randall Munroe
 The Elements: A Visual Exploration of Every Known Atom in the Universe by Theodore Gray
 Women in Science: 50 Fearless Pioneers Who Changed the World by Rachel Ignotofsky
 The Diversity of Life by E. O. Wilson
 The new way thinks work by D. Macauley
 Cosmos by Carl Sagan
 Storm in a Teacup: The Physics of Everyday Life by Helen Czerski
 Bad science by Ben Goldacre
 A Really Short History of Nearly Everything by Bill Bryson
 How to Invent Everything by Ryan North
 Sapiens by Yuval Noah Harari

RECOMMENDED

KS3 & KS4
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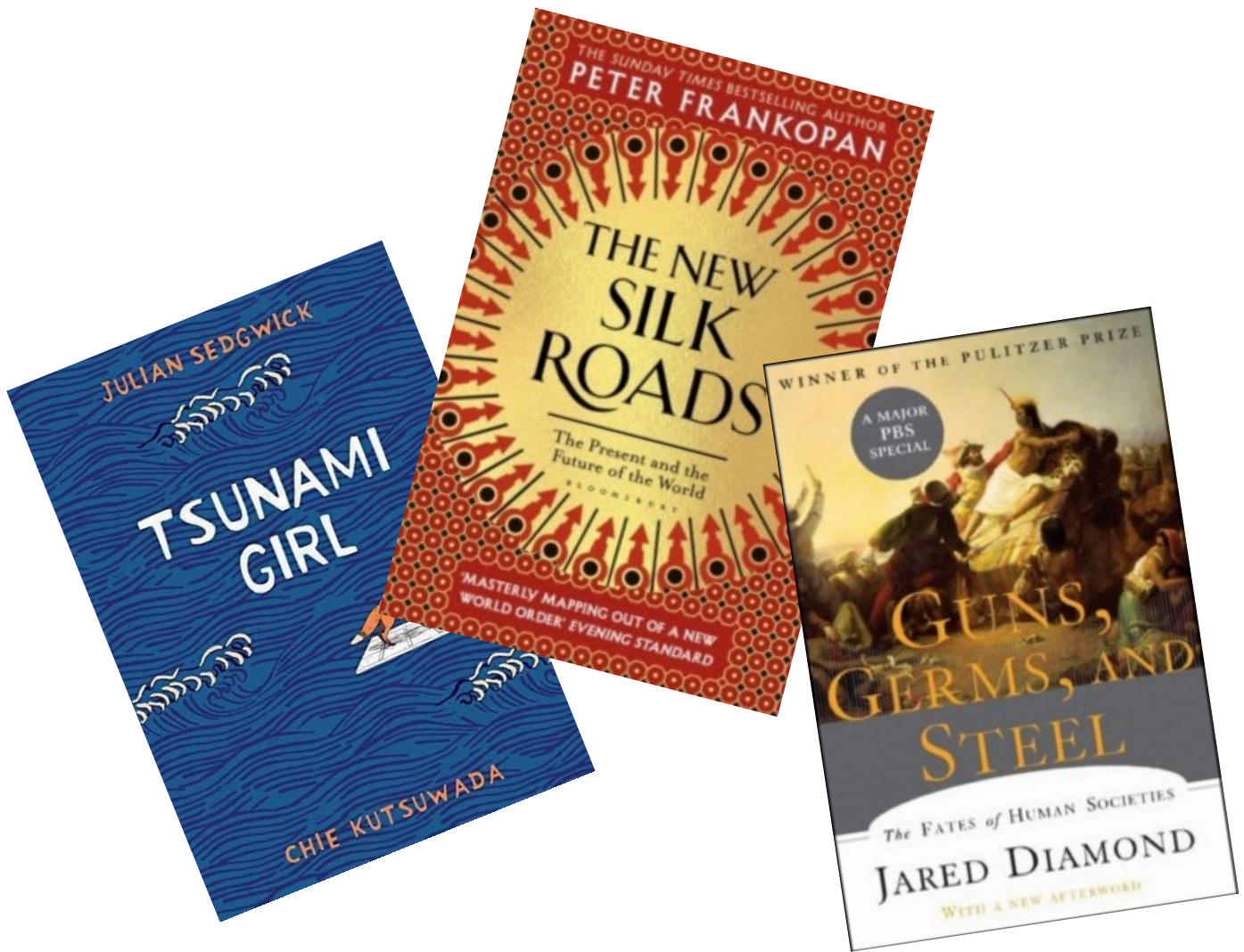


GEOGRAPHY

- Tsunami Girl Julian Sedgewick
- Factfulness Hans Rosling
- The Almighty Dollar Dharshini David
- How Bad are Bananas Mike Berners-Lee
- Prisoners of Geography Tim Marshall
- There is No Planet B Mike Berners-Lee
- Step by Step: The Life in my journeys Simon Reeve
- The Uninhabitable Earth: A Story of the future David Wallace-Wells
- Climate Change : A very short intro oxford Academic (OUP group)
- Power of Geography Tim Marshall
- The New Silk Roads - Peter Frankopan
- Guns, germs, and steel: the fate of human societies Jared Diamond

RECOMMENDED

- KS3
- KS3/KS4
- KS3
- KS3
- KS4
- KS4
- KS4
- KS4
- KS5
- KS5
- KS5
- KS5



GEOLOGY

The rise and fall of the dinosaurs Steve Brusatte

Timefulness: How thinking like a geologist can help save the world Marcia Bjornerud

The Earth Richard Fortey

Geology: A very short introduction OUP.com

Notes from Deep Time Helen Gordon

RECOMMENDED

KS4

KS4

KS4

KS5

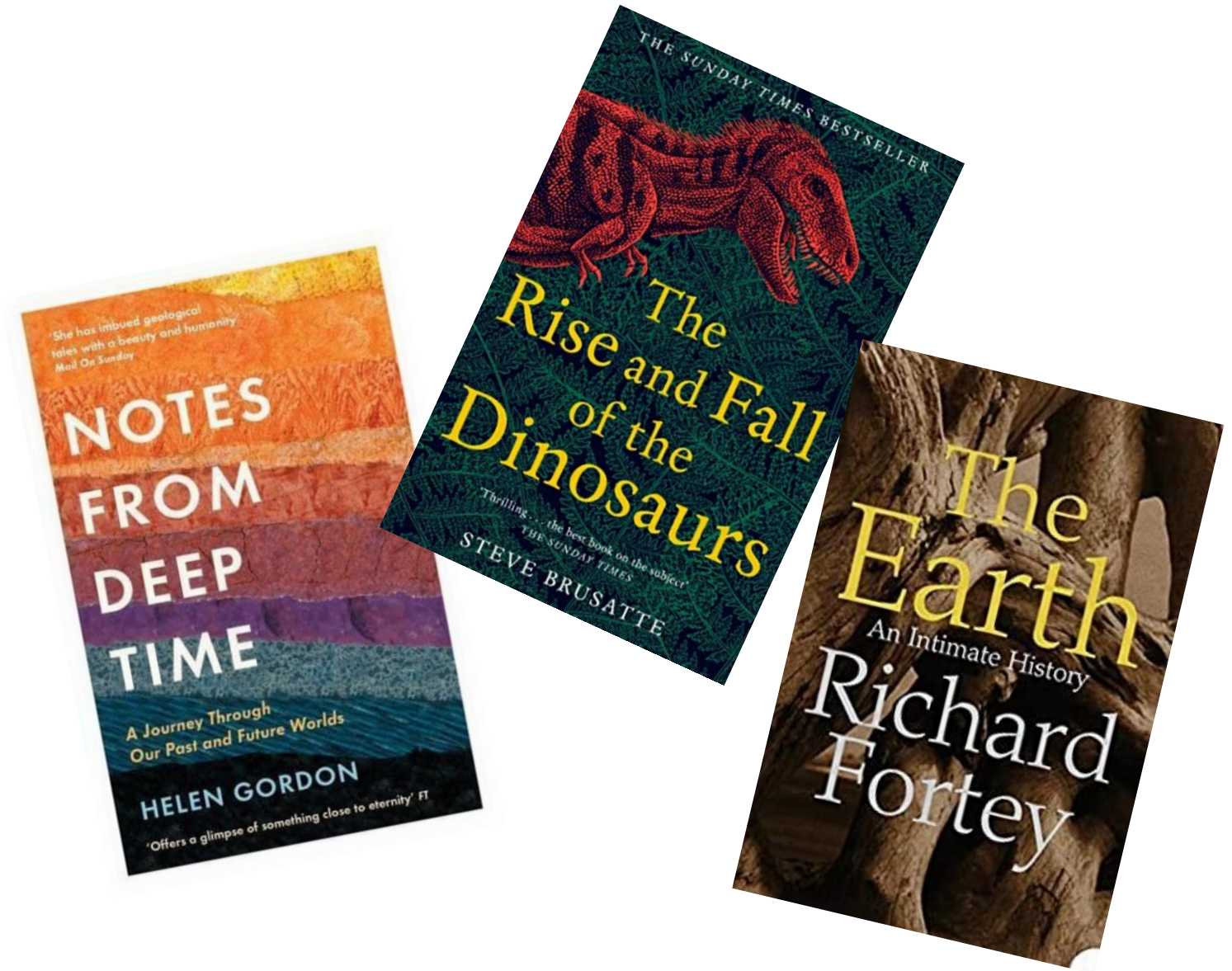
KS5

The Map That changed the world William Smith and the Birth of modern geology Simon

KS5

Adventures in the Anthropocene: A journey to the heart of the planet we made Gaia Vince

KS5



BUSINESS

RECOMMENDED

Marketing Lessons from the Grateful Dead: What every Business Can Learn from the Most Iconic Band in History by David Meerman Scott and Brian Halligan, 2010

KS4 & KS5

Creating a World Without Poverty: Social Business and the Future of Capitalism by Muhammad Yunus 2009

KS4 & KS5

She Means Business by Carrie Green

KS4 & KS5

The Economist

KS5

Freakonomics by Levitt and Dubner

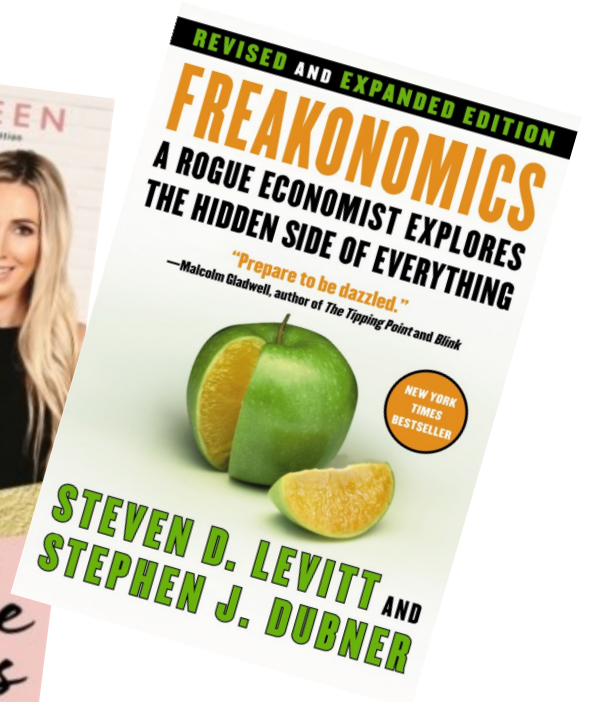
KS5

Undercover Economist by Tim Harford

KS5

Nudge: Improving Decisions About Health, Wealth and Happiness by Thaler and Sunstein

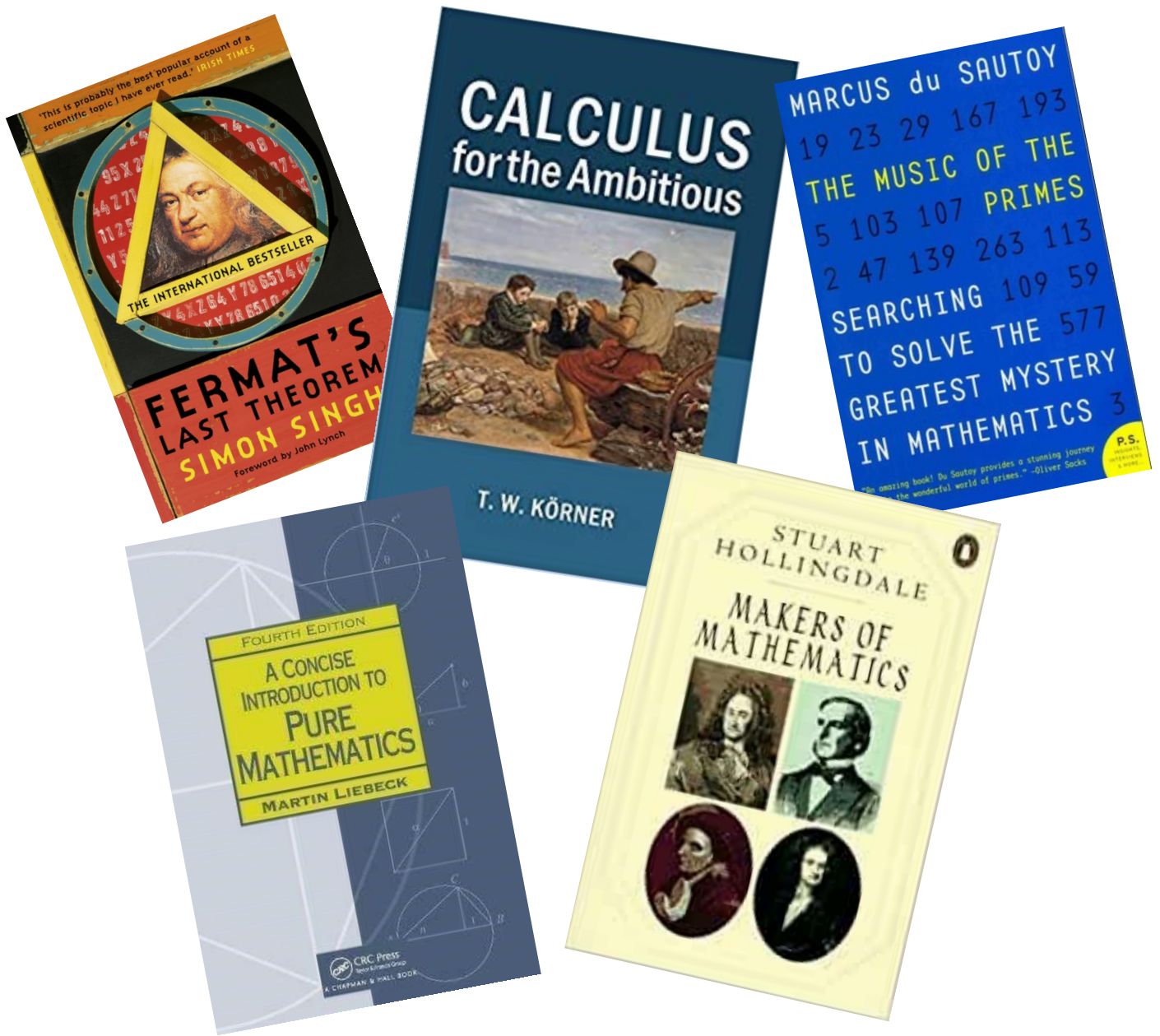
KS5



MATHS

RECOMMENDED

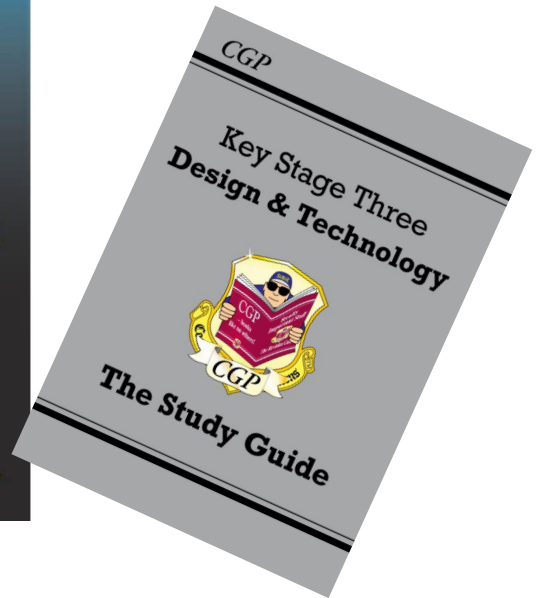
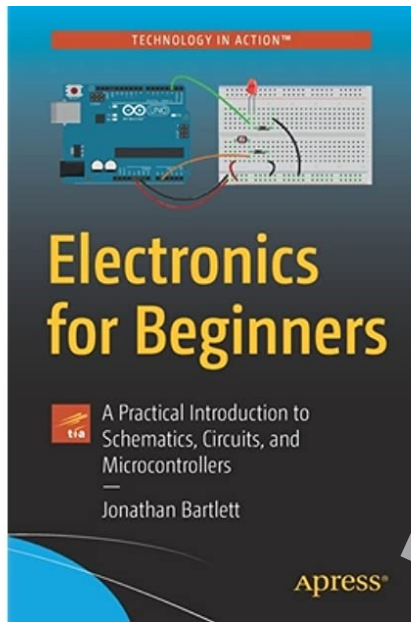
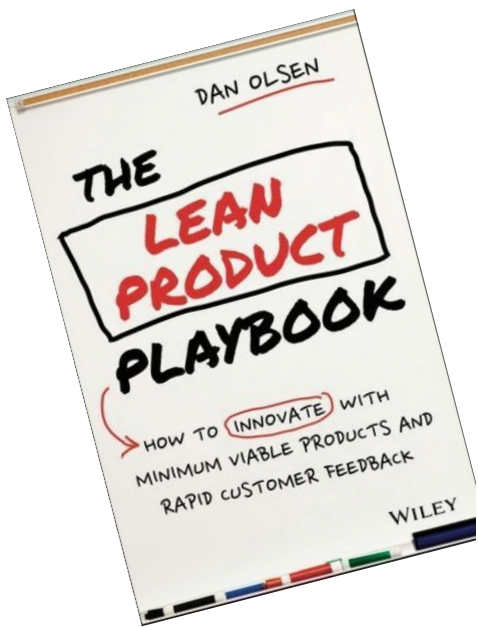
The Math Book by Clifford A Pickover	KS3
The Boy Who Loved Math: The Improbable Life of Paul Erdős, Deborah Heiligman	KS3
Blockhead: The Life of Fibonacci, Joseph D'Agnese	KS3
. Infinity and Me, Kate Hosford	KS3
50 Mathematical Ideas You Really Need to Know by Tony Crilly	KS3
Alex's Adventures in Numberland by Alex Bellos Age 13+	KS4
Why do Buses Come in Threes? by Rob Eastaway and Jeremy Wyndham Age 13+	KS4
Fermat's Last Theorem by Simon Singh Age 14+	KS4/5
Calculus for the Ambitious, T.W. Korner	KS5
Makers of Mathematics, Stuart Hollingdale	KS5
Mathematics: a very short introduction, Timothy Gowers	KS5
The Music of the Primes, Marcus du Sautoy	KS5
A Concise Introduction to Pure Mathematics, Martin Liebeck	KS5
The man who loved only numbers, Paul Hoffman	KS5



DT

RECOMMENDED

Electronics for beginners: A practical introduction to Schematics Circuits and microcontrollers by	KS3
Packaging the brand the relationship between packaging design and brand identity by Gavin	KS3
KS3 Design Technology study guide by CGP	KS3
The Lean Product Playbook by Wiley	KS4
Sprint - how to solve big problems and test new ideas in just 5 days by Jake Knapp	KS4
OCR GCSE 9-1 Design Technology by Andy Knight	KS4
My Revision Notes by Andy Knight	KS4



FOOD TECH

Complete book of knife skills by Jeffrey Elliot and /James P DeWan

Exploring Food and Nutrition for KS3 by Yvonne Mackey and Bev Saunder

The Science of cooking: Every Question Answered to perfect your cooking by Dr Stuart Farrimond

WJEC Eduqas GCSE Food preparation and nutrition exam practice papers by Helen Buckland

WJEC Food Preparation and Nutrition by Helen Buckland

My Revision Notes: WJEC Eduqas GCSE Food preparation and Nutrition by Helen Buckland

The Science and Technology of Foods by R.K Proudlove

RECOMMENDED

KS3

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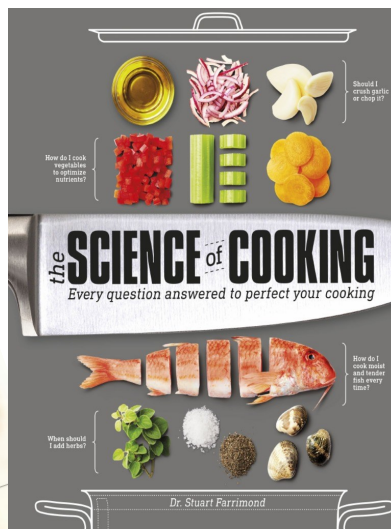
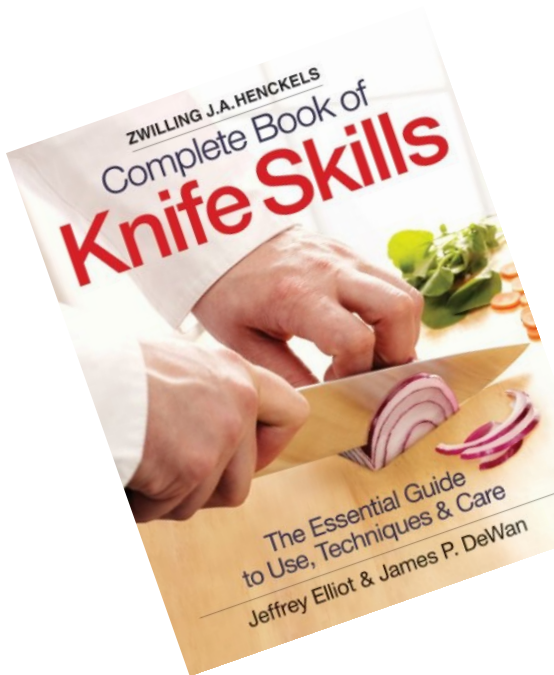
KS3

KS4

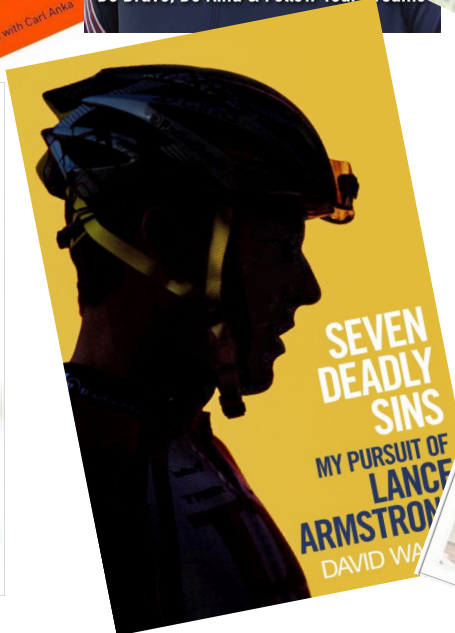
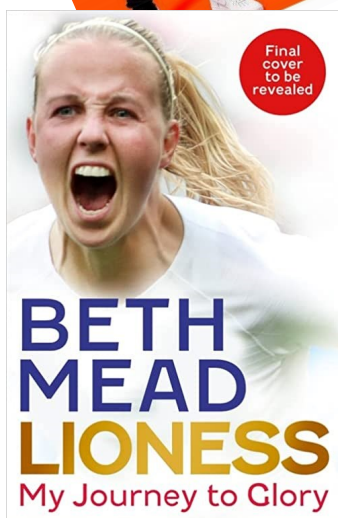
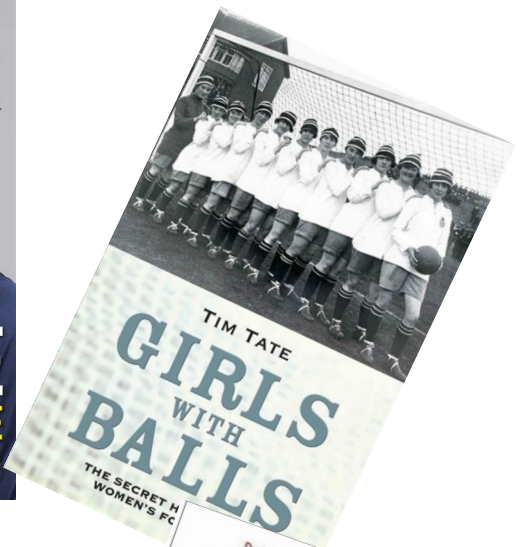
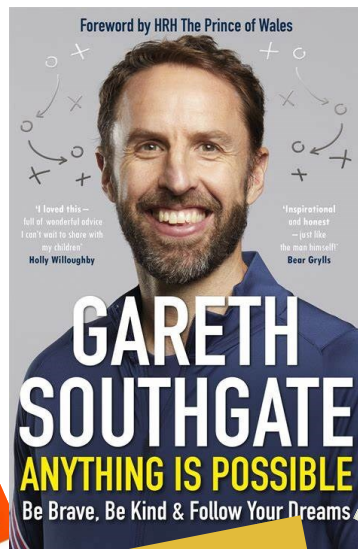
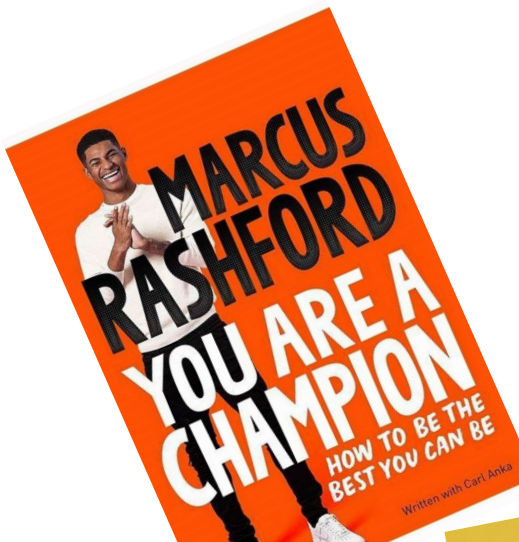
KS4

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PE	RECOMMENDED
Big dreams	KS3
Marcus Rashford - You are a champion	KS3
Gareth Southgate - Anything is possible	KS3
Billie Jean King - Little people	KS3
Beth Mead - my journey to glory	KS4
Girls with balls: the secret history of Women's football	KS4
Pep Guardiola biography	KS4
Jürgen Klopp biography	KS4
Ben Stokes autobiography	KS4
Dirtiest race in History - Richard Moor,	KS5
Freddy Flintoff: Book of Fred.	KS5
Muhammed Ali: His life and Times - Thomas Hauser.	KS5
Seven Deadly Sins - David Walsh,	KS5



History

RECOMMENDED

Olusoga: Black and British - children's version,	KS3
Peter Frankopan: Silk Roads - children's version	KS3
Judith Kerr: When Hitler Stole Pink Rabbit	KS3
Gombrich: A little history of the world	KS3
Helen Castor: Elizabeth I	KS4
Julia Boyd: Travellers in the Third Reich	KS4
Roy Porter: Blood and guts	KS4
Emily Mayhew: Wounded	KS4
John Lewis Gaddis: The Cold War A very short introduction to the Cold War	KS4
Blair Worden: The English Civil Wars,	KS5
Helen Castor: Elizabeth I	KS5
John Guy: Henry VIII	KS5
Orlando Figes: Revolutionary Russia	KS5
Mark Kishlansky: Charles I	KS5



MEDIA**RECOMMENDED**

Newspapers , Lucy Williams,

KS3/4

Career Guides I m good at Media what job can I get

KS3/4

Newspapers, Philippa Perry & Stephen Gibbs,

KS3/4

Alan Durrant & Martina Lambrou, Language & Media presentation

KS5

Freestyle, Mastering Media The News Never stops.

KS5

Adam Hibbert, Its your view, the power of the Media

KS5

Nick Lacey, Image & Representation Key Concepts in Media Studies

KS5

Stuart Price, Media Studies

KS5

Burton, Media & Society, Critical Perspectives

KS5



RE	RECOMMENDED
The Little Prince Antoine De Saint -Expury,	KS3
The philosophy gym ,Stephen Law	KS3
1984 Orwell ,	KS3
The Plague Albert Camus ,	KS4
Philosophy Bites Dave Edmonds and Nigel Warburton	KS4
Sophies World Jostein Gaarder,	KS4
The Master and Margarita, Mikhael Bulgakov,	KS5
How the world thinks , Julian Baggini	KS5
Metamorphosis, Franz Kafka,	KS5



MFL

Asterix Gladiator,

La chaise bleue par Claude Bayon

Arsene Lupin gentleman cambrioleur par Maurice Leblanc,

A nous deux par Jacqueline Wilson

Arsene Lupin: le bouchon de cristal pa Maurice Leblanc,

Un sac de billes par Joseph Joffo,

No et moi par Delphine de Vigan

Kiffe Kiffe demain par Faiza Guene,

RECOMMENDED

KS3

KS3

KS4

KS4

KS4

KS5

KS5

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