

Reading Across The Curriculum

Recommended Reading – all books are available from the school library

ART

Art - Key Stages 4 and 5

'Disrupted Realism – Paintings for a distracted world' by John Seed.

'Vitamin P3 New Perspectives in Painting' by Barry Schwabsky

ICT

ICT - Key Stages 4 and 5

Topic: Networking and Communication

'Introduction to Networking: How the Internet Works' by Charles R Severance

Topic: Networking and System Security

'Cyber Security for Beginners' by Raef Meeueisse

ICT - Key Stage 5

Topic: Developing Algorithms

'The Little Book of Algorithms' by William Lau

Topic: Databases

SQL: The Practical Beginner's Guide to Learn SQL Programming in One Day Step-by-Step (#2020 Updated Version | Effective Computer Programming) by Steve Tudor

LAW

Law - Key Stage 5

Topic: all areas of A-Level Law Specification

'The OCR revision guide: My Revision Notes OCR A' Level Law' by Craig Beauman and Claire Wilson

'A-Level Law Review Magazine' by Hodder Education

Topic: Paper 3 Section A - Nature of Law

'The Nature of Law for OCR A' Level Law: Concepts of Law and Legal Theory' by Sally Russell

Topic: Paper 2 Section B – very helpful for evaluation questions

'Law of Tort for OCR As and A' Level' by Sally Russell

Paper 1 Section B – very helpful for evaluation questions

'Criminal Law for OCR As and L Level with an Introduction to the Nature of Law' by Sally Russell

Topic: Paper 1 Section A - Legal Profession.

'The Secret Barrister' by The Secret Barrister

MODERN FOREIGN LANGUAGES

All books provide general knowledge about France during different historical periods and feature classical French writers

Key Stages 4 and 5

'Les Miserabl'e' by Victor Hugo

'The Ladies' Paradise' by Emile Zola
'Le Flowers of evil' by Charles Baudelaire
'The Plague' by Albert Camus
'Hunting and Gathering' by Anna Gavalda
'The Three Musketeers' by Alexandre Dumas
'The Count of Monte Cristo' by Alexandre Dumas
'Three Strong Women' by Marie Ndiaya
'Les Liaisons Dangereuses' by Choderlos de Laclos

MATHS

Maths - Key Stage 5

General Reading

'How to bake Pi' by Dr Eugenia Cheng

Topic: Problem Solving and Decision maths at A-level

'The Monty Hall Problem: The Remarkable Story of Math's Most Contentious Brain Teaser' by Jason Rosenhouse

RELIGIOUS EDUCATION

Religious Education - Key Stage 5

Topic: Knowledge and Understanding of the History of Philosophy

'Sophie's World' by Jostein Gaarder

Topic: Overview of Ethical Theories and Challenges

'The Puzzle of Ethics' by Peter Vardy

SCIENCE

Science - Key Stage 5

Proactive Tasks supplementary Reading for A-level Physics

'A Brief History of Time' by Stephen Hawking
'Universe in a Nutshell' by Stephen Hawking
'The Elegant Universe' by Brian Greene
'Blackholes and Timewarps: Einstein's Outrageous Legacy' by Kip Thorne
'In Search of Schrodinger's Cat' by John Gribbin
'How to Teach Quantum Physics to Your Dog' by Chad Orzel
'Relativity' by Albert Einstein
'Why does $E=mc^2$ ' Brain Cox & Jeff Forshaw
'Six Easy Pieces' by Richard Feynman
'A Short History of Nearly Everything' by Bill Bryson
'Great Physicists' by William H Cropper

Proactive Tasks supplementary Reading for A-level Chemistry

'Periodic tales' by Hugh Aldersly-Williams
'The Disappearing Spoon' by Sam Kean
'The Periodic Table' by Primo Levi
'Nature's Building Blocks' by John Emsley
'Molecules at an Exhibition' by John Emsley
'Oxygen' by Nick Lane

'Bad Science' by Ben Goldacre

'I Think You'll Find It's A Bit More Complicated than That' by Ben Goldacre

'H₂O: A Biography of Water' by Philip Ball

'A Short History of Nearly Everything' by Bill Bryson

'Periodic tales: The Curious Lives of the Elements' by Hugh Aldersley-Williams

Proactive Tasks supplementary Reading for A-level Biology

'The Origin of Species' by Charles Darwin

'A Short History of Nearly Everything' by Bill Bryson

'The Man Who Mistook His Wife for A Hat' by Oliver Sacks

'The Epigenetics Revolution' by Nessa Carey

'Junk DNA' by Nessa Carey

'Climbing Mount Improbable' by Richard Dawkins

'The Selfish Gene' by Richard Dawkins

'The Blind Watchmaker' by Richard Dawkins

'The Ancestor's Tale' by Richard Dawkins

'Y: The Descent of Men' by Steve Jones

'The Language of the Genes' by Steve Jones

'The 'Origin of Species' Updated: almost like a whale' by Steve Jones

'In the Blood: God, Genes and Destiny' by Steve Jones

'Genome: The Autobiography of a Species in 23 Chapters' by Matt Ridley

'Personal Account of the Discovery of the Structure of DNA' by James Watson

'The Language of Genes' by Steve Jones