

SFC LIBRARY RECOMMENDED READING LIST: CHEMISTRY

This list should help you to read more widely around your subject. Although the books here might not relate directly to your course, they will help you to develop a deeper, more nuanced understanding that goes beyond the exam specification. They will also support the development of your critical thinking and analytical skills. This will provide crucial evidence for university personal statements and potential employers by demonstrating passion and independent, self-directed learning.

50 Chemistry Ideas You Really Need to Know Hayley Birch

Bad Science Ben Goldacre

Chemistry for Breakfast Dr Mai Thi Nguyem-Kim

Chemistry3 Burrows et al

Elementary James M Russell

H2O: A Biography of Water Philip Ball

Inorganic Chemistry Atkins et al

It's a Gas Mark Miodownik

Lessons in Chemistry Bonnie Garmus

Molecules At An Exhibition: Portraits of Intriguing Materials in

Everyday Life John Emsley

Molecules: The Elements and the Architecture of Everything

Theodore Gray

Most Delicious Poison

Noah Whiteman

Napoleon's Buttons: How 17 Molecules Changed History

Penny Le Couteur & Jay Burreson:

Nature's Building Blocks: An A-Z Guide to the Elements

John Emsley

Organic Chemistry

Clayden et al

Organic Chemistry as a Second Language

David Klein

Oxygen, The Molecule that Made the World

Nick Lane

Periodic Tales

Hugh Aldersey-William

Periodic Tales: The Curious Lives of the Elements

Hugh Aldersey-Williams

Physical Chemistry

Peter Atkins

Principles of Modern Chemistry

David Oxtoby

Reactions: The private life of atoms

Peter Atkins

The Alchemy of Air

Thomas Hager

The Chemical History of a Candle

Michael Faraday

The Disappearing Spoon

Sam Kean

The Periodic Table

Primo Levi

***The Science of Everyday Life: Why Teapots Dribble, Toast Burns
and Light Bulbs Shine*** Marty Jopson

Uncle Tungsten Oliver Sachs

***What If?: Serious Scientific Answers to Absurd Hypothetical
Questions*** Randall Munroe

What is Chemistry Peter Atkins

Why Chemical Reactions Happen James Keeler