

TALLIS 16+

THOMAS TALLIS SCHOOL POST 16 CENTRE

SUPERCURRICULAR READING LIST

SUBJECT: A-level Chemistry

Background reading

John Emsley *Molecules At An Exhibition: Portraits of Intriguing Materials in Everyday Life*

Primo Levi *The Periodic Table*

Dr Mai Thi Nguyem-Kim *Chemistry for Breakfast*

Bonnie Garmus *Lessons in Chemistry*

Philip Ball *H₂O: A Biography of Water*

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

Peter Atkins *What is Chemistry*

Peter Atkins *Reactions: The private life of atoms*

Sam Kean *The Disappearing Spoon...and other true tales from the Periodic Table*

Hugh Aldersey-Williams *Periodic Tales: The Curious Lives of the Elements*

James Keeler *Why Chemical Reactions Happen*

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

Websites and magazines:

www.rsc.org/Education/SchoolStudents/index.asp Resources for students collated by The Royal Society of Chemistry:

chemistryworld.com Chemistry news, research and opinions

www.newscientist.com/ New Scientist

www.chemtube3d.com/Alevel.html Animations of organic reactions mechanisms:

www.chemguide.co.uk/ A-level chemistry notes:

www.knockhardy.org.uk/sci.htm more A level resources