

Holly Lodge High School

College of Science

Reading Lists by Subject Area 2022-2023

Reading Lists by Subject Area

The following reading lists have been compiled to compliment and extend your learning, in all subject areas, out of school.

Department	Key Stage	Recommended further reading
English		Fiction:
	KS3	 Beloved by Toni Morrison The Phantom Tollbooth by Norton Juster Robinson Crusoe by Daniel Defoe Northern Lights by Philip Pullman
	KS4	 The Hours by Michael Cunningham Possessing the Secret of Joy by Alice Walker Pride and Prejudice by Jane Austen Gulliver's Travels by Jonathan Swift Paradise Lost by John Milton Little Women by Louisa May Alcott
	KS5	 11. The Narrative Poems: Venus and Adonis; the Rape of Lucrece; the Phoenix and the Turtle; the Passionate Pilgrim by William Shakespeare (New Penguin Shakespeare) 12. Hamnet by Maggie O'Farrell 13. Lady Macbeth by Susan Fraser King 14. Foe by J.M. Coetzee
		Nonfiction:
	KS3	 Anne Frank: The Diary of a Young Girl by Anne Frank The Complete Sonnets and Poems by William Shakespeare & Colin Burrow (Oxford World's Classics) The Elements of Style by William Strunk Jr. and E.B. White
	KS4	 4. On Writing: A Memoir of the Craft by Stephen King 5. A Room of One's Own by Virginia Woolf 6. The Professor and the Madman: A Tale of Murder, Insanity and the Making of the Oxford English Dictionary by Simon Winchester
	KS5	 7. How to Read Literature Like a Professor by Thomas C. Foster 8. The Well Educated Mind: A Guide to the Classical Education You Never Had by Susan Wise Bauer

Maths		Fiction:
	KS3	 The Body by The Number Devil: A Mathematical Adventure by Hans Magnus Enzensberger Math Curse by Jon Scieszka and Lane Smith The Adventures of Penrose the Mathematical Cat by Theoni Pappas The Housekeeper and the Professor by Yoko Ogawa Uncle Petros and Goldbach's Conjecture by Apostolos Doxiadis
		Nonfiction:
	KS3	 KS3 Maths Series by Collins Oxford University Press KS3 Maths Series KS3 Maths Workbook by Letts
	KS4	 Edexcel Mathematics by Pearson The Man Who Knew Infinity: A Life of the Genius Ramanujan by Robert Kanigel Humple Pi: A Comedy of Maths Errors by Matt Parker How Many Socks Make a Pair? by Rob Eastway
	KS5	8. Edexcel A Level Mathematics by Pearson 9. Fermat's Enigma: The Epic Quest to Solve the World's Greatest Mathematical Problem by Simon Singh
Science -		Fiction:
Biology	KS3	 Jurassic Park by Michael Crichton The Martian by Andy Weir
	KS4	3. The Andromeda Strain by Michael Crichton4. Next by Michael Crichton5. The Genie in the Genes by Dawson Church
		Nonfiction:
	KS3	 This is Going to Hurt by Adam Kay The Body by Bill Bryson
	KS4	3. The Double Helix by James Watson4. The Selfish Gene by Richard Dawkins
	KS5	 Gray's Anatomy for Students by Richard Drake Harper's Illustrated Biochemistry by Victor Rodwell

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		Websites:
		4 https://www.do.do.do.do.do.do.do.do.do.do.do.do.do.
		1. https://www.dnai.org/a/index.html
		2. https://www.nobelprize.org/
		3. https://www.nature.com/
		4. https://royalsociety.org/
		5. https://www.nhm.ac.uk/6. https://www.bmj.com/
		7. https://www.bbc.co.uk/news/science and environment
		7. https://www.bbc.co.uk/news/science_and_environment
Science -		Fiction:
Chemistry		riction.
Chemistry	KS3	The Disappearing Spoon: And Other True Tales of
	N.S.S	Madness, Love and the History of the World from the
		Periodic Table of the Elements by Sam Kean
		remodic rubic of the Elements by Sun Real
	KS4	2. <i>Perfume: The Story of a Murderer</i> by Patrick Süskind
		3. The Alchemy of Air: A Jewish Genius, a Doomed Tycoon,
		and a Scientific Discovery That Fed the World but Fueled
		the Rise of Hitler by Thomas Hager
		4. The Periodic Table by Primo Levi
		,
		Nonfiction:
		1. Bad Science by Ben Goldacre
	KS3	2. Molecules of Murder: Criminal Molecules and Classic
		Cases by John Emsley
		3. Molecules at an Exhibition: The Science of Everyday Life
	KS4	by John Emsley
		4. Foundations of Physical Chemistry by Nathan Lawrence
		5. Foundations of Organic Chemistry by Michael Hornby
		6. Foundations of Inorganic Chemistry by Mark J. Winter
		7. Why Chemical Reactions Happen by James Keeler
		8. General Chemistry by Linus Pauling
		Websites:
		9. https://www.compoundchem.com/
		10. https://www.youtube.com/user/MaChemGuy/playlists
		11. https://www.chemguide.co.uk/
		12. https://www.knockhardy.org.uk/sci.htm
		13. https://www.icheme.org/
		14. https://www.youtube.com/user/MrERintoul
		15. https://www.youtube.com/user/periodicvideos
		16. https://www.a-levelchemistry.co.uk/
		17. https://chemrevise.org/
		18. https://www.scisheets.co.uk/
		19. https://www.physicsandmathstutor.com/
		20. https://studywise.co.uk/
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Science -		Fiction:
Physics		
	KS3	1. Fizz: Nothing is as it Seems by Zvi Schreiber
	KS4	2. The Time Traveler's Almanac by Ann VanderMee
		3. A Brave New World by Aldous Huxley
		Nonfiction:
	KS3	1. A Brief History of Time by Stephen Hawking
		2. A Short History of Nearly Everything by Bill Bryson
		3. The Quantum Universe: Everything That Can Happen
		Does Happen by Brian Cox & Jeff Forshaw
	KS4	4. Six Not So Easy Pieces by Richard P. Feynman
		5. In Search of Schrodingers Cat by John Gribbin
		6. Until the End of Time by Brian Greene
		7. Surely you're Joking Mr Fenyman: Adventures of a
		Curious Character by Richard P. Fenyman
	KS5	8. Head Start to A-Level Physics by CGP
		Websites:
		1. https://isaacphysics.org/
		2. https://www.alevelphysicsonline.com/
		3. https://www.physicsandmathstutor.com/
		4. https://www.physicstutoronline.co.uk/
		5. https://www.physbot.co.uk/6. https://www.advancingphysics.org/
		7. https://physicsworld.com/
		8. https://www.iop.org/
		9. https://www.youtube.com/user/minutephysics
		10. https://www.nasa.gov/nasatv/
MFL - French		Fiction:
IVIFL - French		riction.
	KS3	1. Short stories in French for beginners by Olly Richards &
		Richard Simcott
	KS4	2. <i>Petit déjeuner à Paris</i> de France Dubin
		3. Bilingual A walk in Paris Salvatore Rubbino
		4. Dawn café in Paris by Willis Barnstone Bilingual
		Nonfiction:
		The story of Mauritius as told to my Grandchildren by
	KS3	Jean-Claude de L'Estrac
		2. France: A short history Jeremy Black

		 3. France: Travel for Kids; A funway to discover France by Dinobibi publishing & Celia Jenkins 4. Learn about France for Kids by Meonatrip & J Hadfield
	KS4	 5. History of Quebec: A captivating guide to the Largest Province in Canada and its Impact on French History by Captivating History 6. Let's Eat France by François-Regis Gaudry 7. Down and Out in Paris and London by George Orwell
		Fiction in French:
		 Les Aventures de Tintin de Hergé Astérix et Obélix de René Goscinny & Albert Uderzo Harry Potter 1-7 (French Version) Harry Potter à l'école des sorciers de J.K. Rowling Akissi: Mission Pas Possible de Marguerite Abouet & Mathieu Sapin La belle histoire de Leuk Le Lièvre de Leopold Sédar Senghor & Abdoulaye Sadji Arsène Lupin de Maurice Leblanc
Health and Social Care		Fiction:
		 A Girl like Ananya by Karen Hardwicke The fault in our Stars by John Green Elizabeth is missing by Emma Healy The diaries of a resilient black nurse No child of mine by Susan Lewis You'd be home now by Kathleen Glasgow Nonfiction:
		 Diversity and Cultural awareness in nursing practice by Beverley Brathwaite Social Work: From Assessment to Intervention by Philip Heslop and Cathryn Meredith Planning in the moment with young children by Anna Ephgrave Practical health promotion by June Copeman Human Growth and Development by Chris Beckett and Hilary Taylor Men in Early Years Settings by David Wright and Simon Brownhill

		Websites:
		1. https://www.nhs.uk/live-well/
		2. https://www.healthcareers.nhs.uk/
		3. https://www.basw.co.uk/
		4. https://www.pacey.org.uk/
		5. https://www.rcn.org.uk/
		6. https://www.foodafactoflife.org.uk/
		7. https://www.mencap.org.uk/
		8. https://www.mind.org.uk/
Psychology		Website link to Padlet recommendations by Miss Green:
	KS5	https://padlet.com/ngreen105/useful-resources- kilw23k6boorl2wl