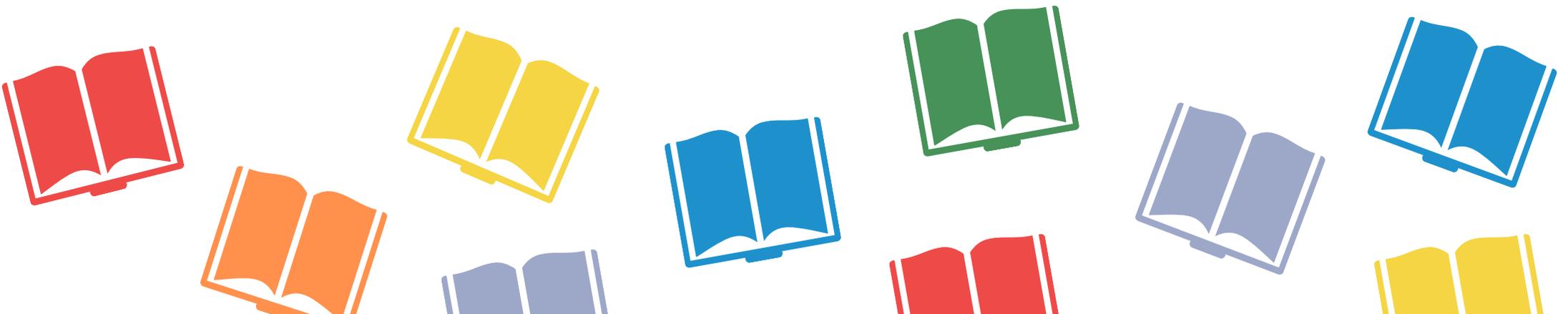


Reading Lists

Physics

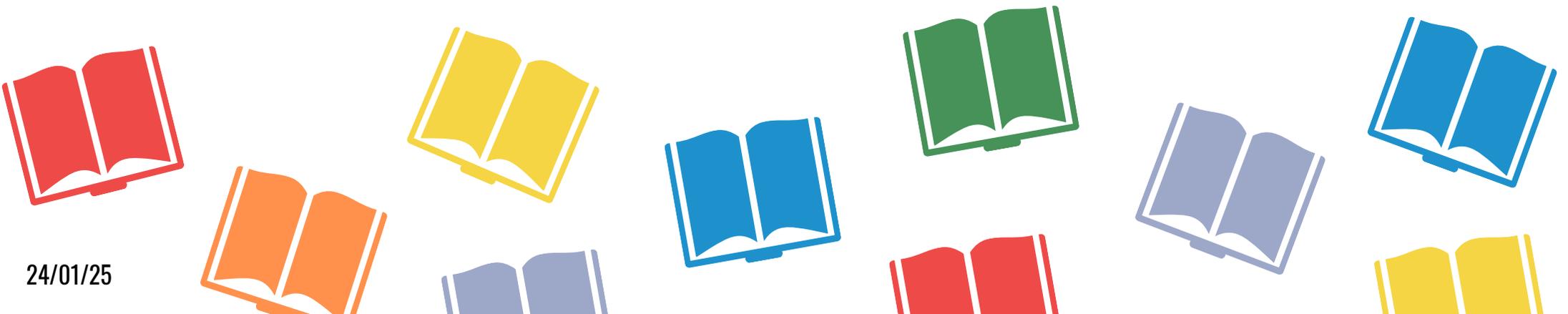


Reading Lists

Physics

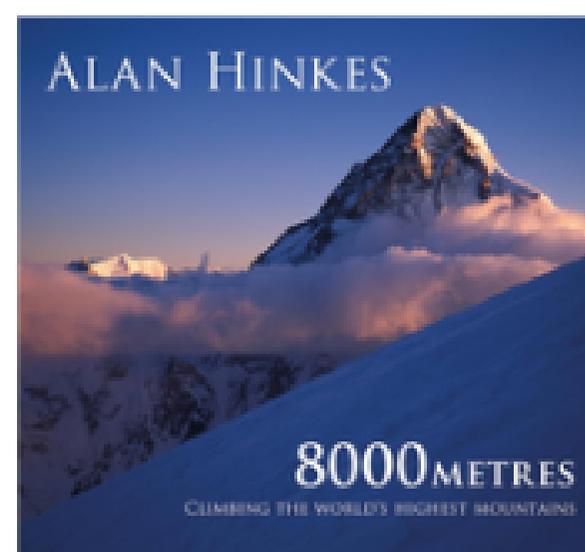
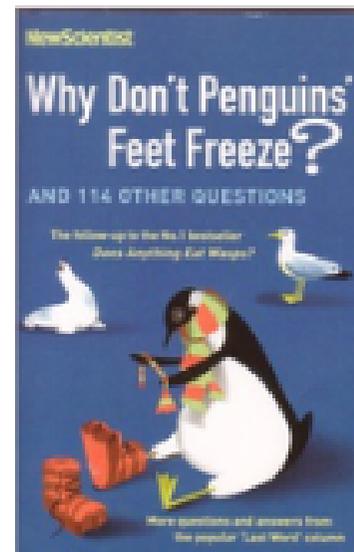
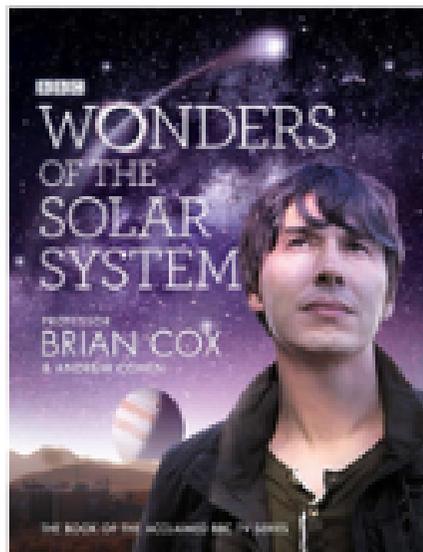
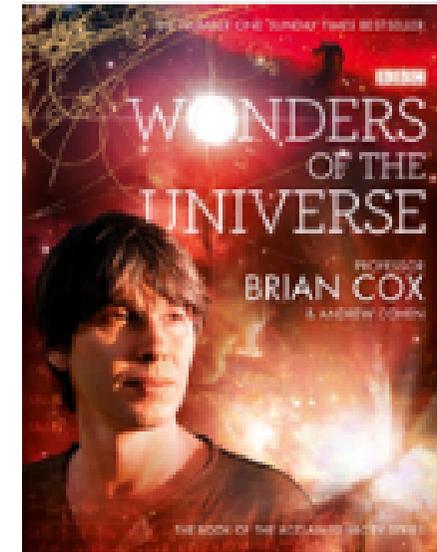
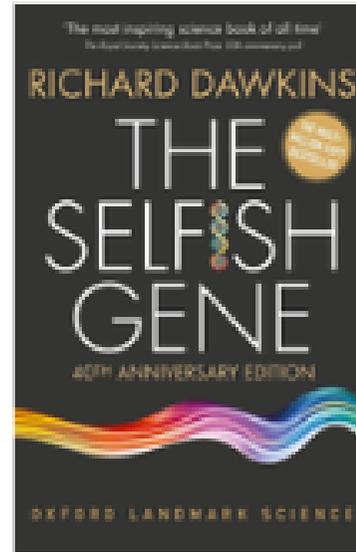
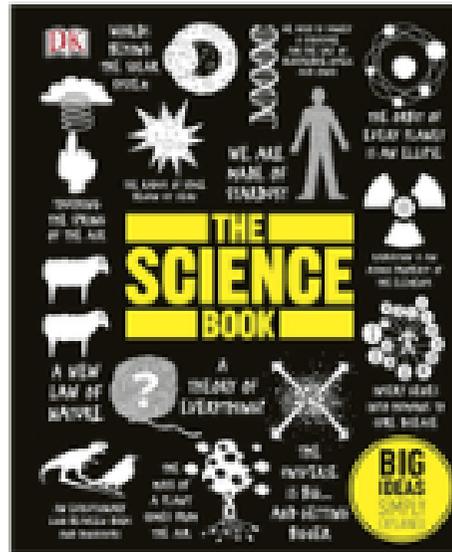
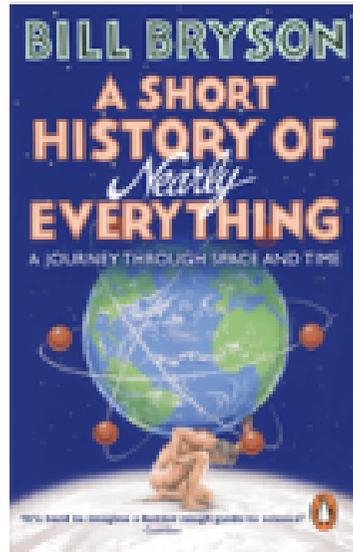


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 - <https://www.kent.gov.uk/leisure-and-community/libraries/ebooks-eaudiobooks-emagazines-enewspapers>
- All Weald students can join Kent Libraries and reserve non-fiction to be delivered to any Kent Library for free:
 - <https://kent.spydus.co.uk/cgi-bin/spydus.exe/MSGTRN/WPAC/JOIN>



Physics: Key Stage 3

Recommended Reading



Physics: Key Stage 3

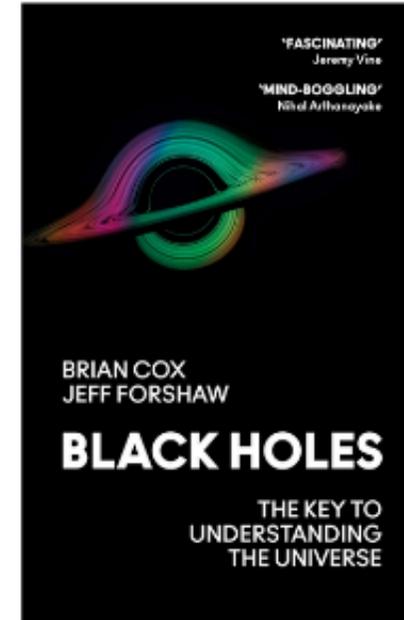
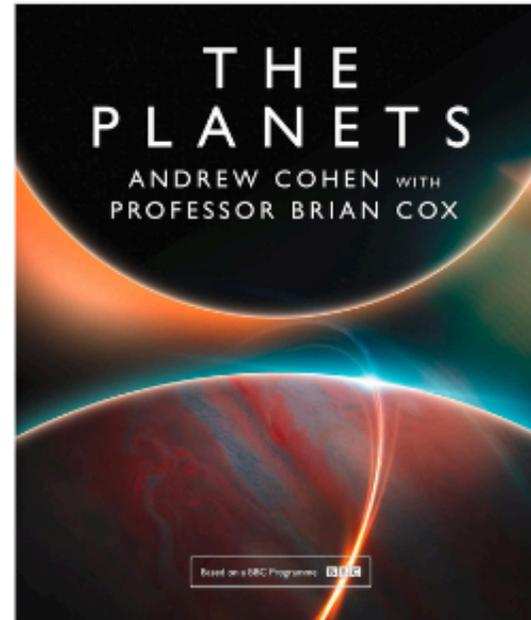
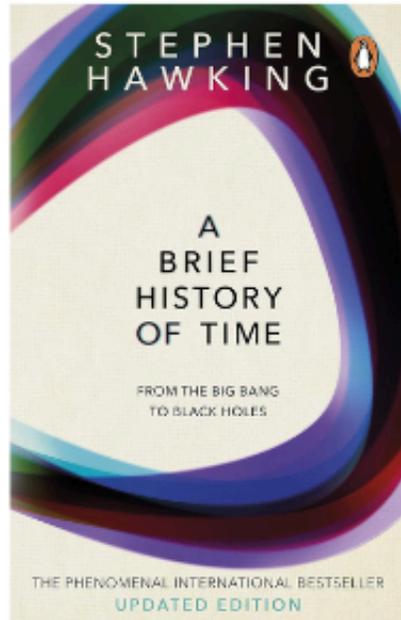
Recommended Reading

Title	Author	Stocked in Weald Tonbridge?	Shelf location	Stocked in Weald Sevenoaks?	Shelf location	Available as Kent Libraries digital book?	Available as Kent Libraries hardcopy book?
A Short History of Nearly Everything	Bryson, B.	<u>Yes</u>	500 BRY	<u>Yes</u>	500 BRY	<u>Yes</u>	<u>Yes</u>
The Science Book: Big Ideas Simply Explained	Hart-Davis, A. et al (eds)	<u>Yes</u>	509 HAR	<u>Yes</u>	509 HAR	No	No
The Selfish Gene	Dawkins, R.	<u>Yes</u>	576.8 DAW	No		<u>Yes</u>	<u>Yes</u>
Wonders of the Universe	Cox, B.	No		<u>Yes</u>	523.1 COX	No	<u>Yes</u>
Wonders of the Solar System	Cox, B.	<u>Yes</u>	523.1 COX	No		<u>Yes</u>	<u>Yes</u>
Why Don't Penguins' Feet Freeze?	New Scientist	<u>Yes</u>	502 O'HA	No		<u>Audio only</u>	No
8000 metres Climbing the World's Highest Mountains	Hinkes, A.	<u>Yes</u>	796.5 HIN	No		No	No



Physics: GCSE

Recommended Reading



Title	Author	Stocked in Weald Tonbridge?	Shelf location	Stocked in Weald Sevenoaks?	Shelf location	Available as Kent Libraries digital book?	Available as Kent Libraries hardcopy book?
A Brief History of Time	Hawking, S.	<u>Yes</u>	530.11 HAW	<u>Yes</u>	530.11 HAW	<u>Yes</u>	<u>Yes</u>
The Planets (a companion book to the BBC series)	Cohen, A. & Cox, B.	<u>Yes</u>	523.4 COH	<u>Yes</u>	523.4 COH	<u>Yes</u>	<u>Yes</u>
Black Holes: The Key to Understanding the Universe	Cox, B.	<u>Yes</u>	523.88 COX	No		<u>Yes</u>	<u>Yes</u>



Physics: GCSE

Recommended Websites

Exploring List



BITESIZE

Physics GCSE Bitesize AQA



Physics & Maths Tutors AQA GCSE Physics

Quizlet

AQA Physics GCSE



Kerboodle - AQA Science books available

Magazines



Catalyst Magazine - a free digital science journal covering scientific research, industrial developments, real life STEM stories, career journeys, STEM expeditions and adventure



New Scientist - Weekly popular science magazine available digitally for free from Kent Libraries

Places of Interest



The Science Museum



Imperial War Museum



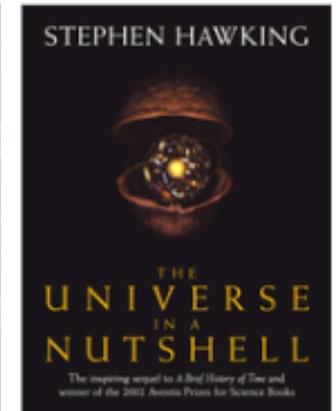
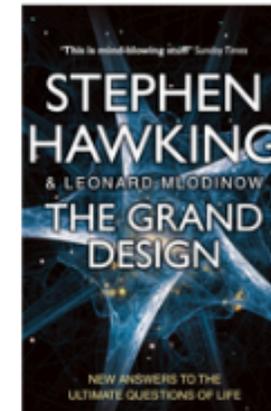
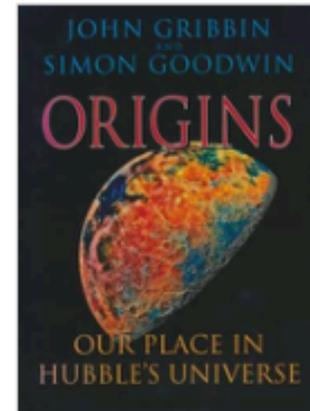
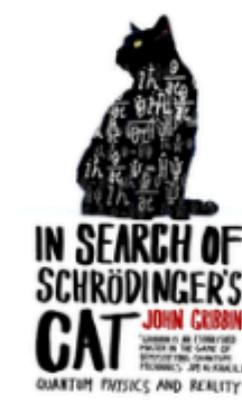
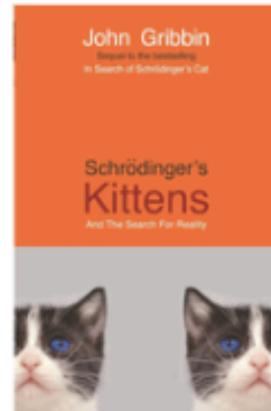
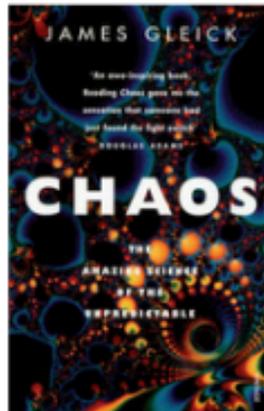
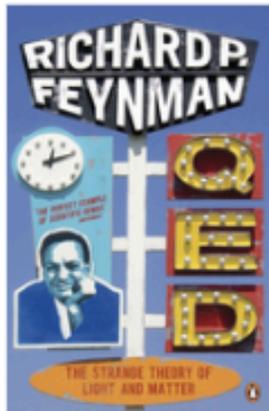
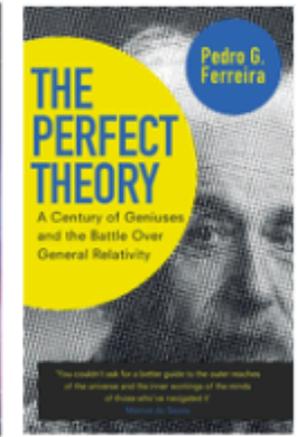
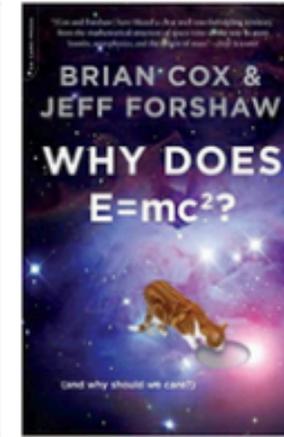
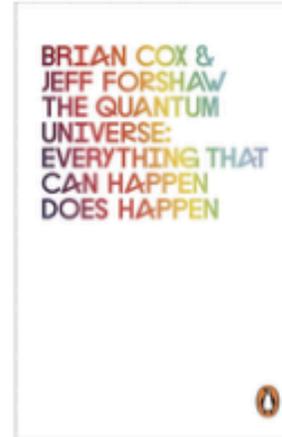
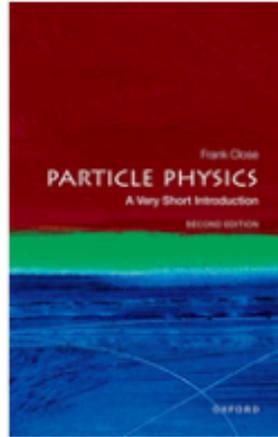
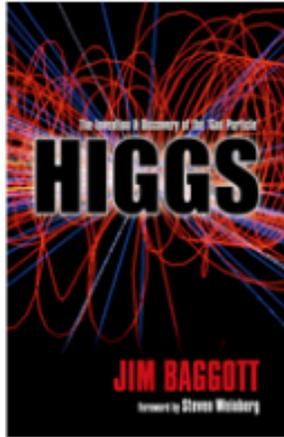
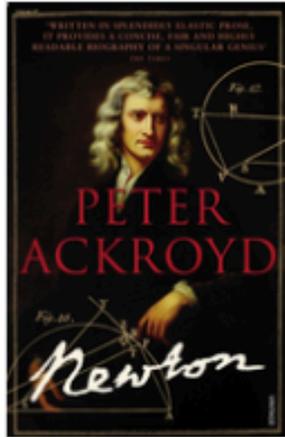
The Royal Observatory

Peter Harrison
Planetarium (Greenwich)



Physics: A Level

Recommended Reading



Physics: A Level

Recommended Reading

Title	Author	Stocked in Weald Tonbridge?	Shelf location	Stocked in Weald Sevenoaks?	Shelf location	Available as Kent Libraries digital book?	Available as Kent Libraries hardcopy book?
Newton	Ackroyd, P.	<u>Yes</u>	530 ACK	No		No	<u>Yes</u>
Higgs: The Invention and Discovery of the God Particle	Baggott, J.	No		<u>Yes</u>	539.7 BAG	No	No
The Particle at the End of the Universe	Carroll, S.	<u>Yes</u>	539.72 CAR	No		No	<u>Yes</u>
Particle Physics: A Very Short Introduction	Close, F.	<u>Yes</u>		No	539.7 CLO	No	No
The Quantum Universe: Everything That Can Happen Does Happen	Cox, B., Forshaw, J.	<u>Yes</u>	539 COX	No		<u>Yes</u>	<u>Yes</u>
Why Does E=MC ² ?	Cox, B., Forshaw, J.	<u>Yes</u>	530.1 COX	No		<u>Yes</u>	<u>Yes</u>
The Perfect Theory: A Century of Geniuses & the Battle over General Relativity	Ferreira, P.G.	<u>Yes</u>	530.11 FER	No		No	<u>Yes</u>
QED: The Strange Theory of Light and Matter	Feynman, R.P.	No		<u>Yes</u>	530.14 FEY	No	<u>Yes</u>
CERN and the Higgs Boson	Gillies, J.	<u>Yes</u>	539.72 GIL	<u>Yes</u>	539.72 GIL	No	<u>Yes</u>
Chaos: The Amazing Science of the Unpredictable	Gleick, J.	<u>Yes</u>	500 GLE	No		No	<u>Yes</u>
Schrodinger's Kittens and the Search for Reality	Gribbin, J.	No		<u>Yes</u>	530.4 GRI	No	<u>Yes</u>
In Search of Schrodinger's Cat: Quantum Physics and Reality	Gribbin, J.	<u>Yes</u>	530.12 GRI	<u>Yes</u>	530.12 GRI	<u>Yes</u>	No
Origins: Our Place in Hubble's Universe	Gribbin, J., Goodwin, S.	<u>Yes</u>	523.1 GRI	No		No	No
The Grand Design	Hawking, S., Mlodinow, L.	<u>Yes</u>	523.1 HAW	No		<u>Yes</u>	<u>Yes</u>
Reality is Not What it Seems	Rovelli, C.	<u>Yes</u>	530.01 ROV	No		<u>Yes</u>	<u>Yes</u>
Longitude	Sobel, D.	<u>Yes</u>	509.2 SOB	No		No	<u>Yes</u>



Physics: A Level

Magazines/Journals

Exploring List



New Scientist - Weekly popular science magazine available digitally for free from Kent Libraries



Physics World



Scientific American

Websites

www.iop.org - The Institute of Physics is the professional society for Physics in the UK.

<https://www.youtube.com/user/sixtysymbols> - videos about physics and astronomy

<http://home.web.cern.ch/topics/large-hadron-collider> - the website of the world's largest and most powerful particle accelerator

Places of Interest



The Science Museum



Imperial War Museum



The Royal Observatory.

Peter Harrison Planetarium (Greenwich)

