

# A Level Physics Reading List

## Essential

- *AQA Physics: A Level*, Jim Breithaupt, Oxford Press (ISBN 978-0-19-835187-0). Copies to be bought through the school for £35
- You will be provided with specific articles throughout the year by your teachers which you will need to read and summarise

## Recommended

- *AQA A Level Physics Year 1 Revision Guide*, Jim Breithaupt, Oxford Press (ISBN 9780198351887)
- *Physics Review*: magazine from Hodder Education. Subscriptions may be purchased either directly with them or through the school at a discount rate
- *Physics: A very short introduction*, **Sidney Perkowitz** published by Oxford (ISBN 9780198813941)

## Online resources

Essential:

- *AQA Physics Course website*: <https://www.aqa.org.uk/subjects/science/as-and-a-level/physics-7407-7408>
- [www.isaacphysics.org](http://www.isaacphysics.org)
- [www.kerboodle.com](http://www.kerboodle.com) – username and password are both first initial and surname, e.g. “hcurnow”. Institution code “pg4”

Recommended:

- [www.advancingphysics.org](http://www.advancingphysics.org)
- [physicsworld.com](http://physicsworld.com) (news + podcasts)
- *Hyperphysics* <http://hyperphysics.phy-astr.gsu.edu/hbase/hframe.html>
- [www.iop.org](http://www.iop.org)

## Further Reading

- “*Brief history of time*”- Stephen Hawking
- “*Paradox*”, Jim Al-Khalili
- “*Why does  $E = mc^2$* ”, “Brian Cox and Jeff Forshaw
- “*Storm in a teacup: The physics of everyday life*”, Helen Czerski
- (Advanced) “*Surely you’re joking Mr Feynman?*”, Richard Feynman
- *Titanium physics* podcast