

**A level Physics additional reading references:**

**General Physics:** Advanced Physics for you - *Keith Johnson*, Collins Advanced Modular Sciences – *David Kelly*, A Level Physics - *Roger muncaster*.

**Astrophysics and cosmology:** A Brief History of Time - *Stephen Hawking*, In Search of the Big Bang - *John Gribbin*, The Road to Reality: A Complete Guide to the Laws of the Universe - *Roger Penrose*

Quantum Physics: QED - The Strange Theory of Light and Matter - *Richard Feynman*, Quantum Theory Cannot Hurt You - *Marcus Chown*.

*The table contains a list for recommended A Level and AS reading.*

Riley, K.F., Hobson, M.P., and Bence, S.J.	<i>Mathematical Methods for Physics and Engineering</i>
Boas	<i>Mathematical Methods in the Physical Sciences</i> (Wiley)
Lorrain and Corson	<i>Electromagnetism, Principles and Applications</i> (W.H. Freeman)
Lyons	<i>All you wanted to know about Mathematics... Vols. 1 &amp; 2</i> (Cambridge)
Krane	<i>Modern Physics</i> (Wiley)
Hecht	<i>Optics</i> (Addison Wesley) (not for Physics and Philosophy)
Main	<i>Vibrations and Waves in Physics</i> (Cambridge)
McCall, M.W.	<i>Classical Mechanics</i> (Wiley)

**Websites:**

[www.physics.org](http://www.physics.org).    <https://www.alevelphysicsonline.com/>    <http://www.physbot.co.uk/>

<https://www.physicsandmathstutor.com/physics-revision/a-level-ocr-a/>

<https://www.revisely.co.uk/alevel/physics/ocr/>    <https://mathsmadeeasy.co.uk/a-level-physics-revision/>