

We seek to use lively minds, to work hard, to develop all our talents and to grow through sharing, to be the best version of ourselves



**A LEVEL
PHYSICS
TRANSITION
MATERIAL**

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AQA A-Level Physics specification

<https://www.aqa.org.uk/subjects/science/as-and-a-level/physics-7407-7408>

Initial topics to look at

Particles

Quantum Phenomena

Mechanics

Materials

Reading

CGP Head start to A-Level Physics ISBN 978 1 78294 281 8 Price £4.95

Essential math skills for A-Level Physics ISBN 978 1 78294 471 3 Price £7.50

Websites

Institute of Physics <https://www.iop.org/education/student/index.html>

Physics and maths tutor <https://www.physicsandmathstutor.com/physics-revision/a-level-aqa/>

YouTube videos

Introduction to A-Level particles

https://www.youtube.com/watch?time_continue=3&v=Qq5pogHUeHg&feature=emb_logo

Particles and radiation explained with lego

https://www.youtube.com/watch?time_continue=33&v=Kb7gNzdx4Ng&feature=emb_logo

Mechanic and materials with lego

https://www.youtube.com/watch?v=LrxaieZNa00&feature=emb_logo

Measurements and their errors

https://www.youtube.com/watch?v=pwp1NcfXu80&feature=emb_rel_pause

Principle of moments

https://www.youtube.com/watch?v=7x6SpYdkjC4&feature=emb_logo

Uncertainties

https://www.youtube.com/watch?v=ul3e-HXAeZA&feature=emb_logo