**Bridging the gap between GCSE and A-Level Physics**

**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>