



The Thomas Hardy School

Summer Preparation Task

Physics A Level
AQA 7408

Purpose of task:

An introduction to some of the exotic particles introduced during A-level Physics.

Recommended resources:

<http://home.web.cern.ch/about/physics/standard-model>

<https://www.energy.gov/science/doe-explainsthe-standard-model-particle-physics>

Task:

Design a mind map for 'The Standard Model'.

This should fit onto a single side of A4 paper.

Additional information:

Required Stationery and Equipment for A Level Physics

Scientific Calculator
Protractor
30 cm ruler
Lab book - sold by department for £6

Essential Resources

A-level Physics CGP text book – £22

Things to Consider Throughout the Year

Regular common assessment
Progress test in Nov
Continued independent study and research
Trip to CERN available

Recommended reading & activities list:

Deadline for Task: First lesson in week commencing 14th September 2026