



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.

Task:

Design a mind map for 'The Standard Model'.

This should fit onto a single side of A4 paper.

Recommended resources:

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

https://themadscientists.files.wordpress.com/2011/04/chart_2006_4.jpg

<http://i.livescience.com/images/i/00/0/038/157/i02/standard-model-physics-particles-infographic-130321c-02.jpg?1363895032>

<http://www.mind-mapping.co.uk/make-mind-map.htm>

Additional information:

Required Stationery and Equipment for A Level Physics

Scientific Calculator
Protractor
30 cm ruler
Lab book - sold by department for £5

Essential Resources

A-level Year 1 and AS CGP text book – sold by department for £10
A-level Year 2 CGP text book will also be required (£10) in Year 13)

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 13th September 2021