

L1.1 Year 12 Physics Induction 2020 Lesson -1 Instructions

Numeracy

Objectives:

- Be able to use A - Level equations of motion
- Identify the relevant equation to use from the information given
- Show working in the order: Equation, Rearranged Equation, Substitution of numbers, Answer and Unit (ERNCU)
- Apply GCSE knowledge to simpler A level mechanics questions

Introduction

View the Powerpoint (or pdf file) entitled 'L1.2 Edexcel GCE Physics Course Structure'

Main – 1

View the Powerpoint (or pdf file) entitled 'L1.3 Checking Equation Rearrangement Skills'

Main – 2

View the Powerpoint (or pdf file) entitled 'L1.4 Introducing the A level Equations of Motion' and try the questions. Show all working.

Answer the 'L1.5 and L1.6 Equations of motion' question sheets (2 pdf files)

Answer the 'L1.7 Momentum LO73b Rev A' sheet on momentum (pdf file)

Hand in a photo of all work (with your name and date and the title 'Physics Lesson 1 – Numeracy' either via Google Classroom (for existing Math school students) or by email to (for external students)