

CSP Yr10 Physics End of Year Assessment Review

Name..... Class.....

Q	Content	Score
1	Multiple choice - assorted key ideas	out of 10
2	a) Using speed = distance ÷ time b) Writing a method for an investigation measuring speed including appropriate equipment	out of 4
3	a) Calculating resultant forces from free body force diagrams b) Describing motion from resultant forces	out of 4
4	a) Identifying typical energy transfers, Recalling and using efficiency = useful energy out ÷ total energy in b) Using the equations for gravitational potential energy and kinetic energy c) Explaining energy losses due to friction	out of 13
5	a) Using velocity-time graphs to describe the motion of an object and calculate the distance of a journey	out of 6
6	a) Describing how to keep the mass of a moving system constant and how to compensate for friction in investigations involving moving trolleys b) Using the equation acceleration = change in velocity ÷ time c) Using $v^2 - u^2 = 2 \times a \times x$	out of 9
7	a) Interpreting data from investigations into waves using ripple tanks b) Using wave form diagrams to calculate amplitude and wavelength. Recalling and using wave speed = frequency × wavelength	out of 8
8	Similarities and differences between light waves and sound waves including the differences between transverse and longitudinal waves	out of 6

Based on the topics that you answered *least* well, list at least three topics that you will relearn in order of priority:

1)

2)

3)

Based on the topics that you answered *most* well, list at least two topics that you will **not** prioritise relearning.

1)

2)

Total score

out of 60

Percentage score