

Yr11 CSP1: Physics Mock Review **HIGHER**

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

Q	Content tested (tick if you scored marks)	My score
1	<input type="checkbox"/> Colours of visible light and their relative wavelengths <input type="checkbox"/> Properties of different electromagnetic waves <input type="checkbox"/> Interpreting waveform diagrams <input type="checkbox"/> Properties of transverse vs. longitudinal waves <input type="checkbox"/> Calculating wave speed	out of
2	<input type="checkbox"/> Atomic structure including isotopes <input type="checkbox"/> Measuring radiation and sources of background radiation <input type="checkbox"/> Half life calculations <input type="checkbox"/> Sources of nuclear radiation	out of
3	<input type="checkbox"/> Analysing investigations involving motion of trolleys <input type="checkbox"/> Calculations requiring values taken from a graph <input type="checkbox"/> Planning an investigation involving speed of an object	out of
4	<input type="checkbox"/> Analysing investigations involving sound waves <input type="checkbox"/> Predicting the path of a refracted wave <input type="checkbox"/> Calculations requiring multiple steps, including rounding to appropriate significant figures	out of
5	<input type="checkbox"/> Describing and explaining circular motion <input type="checkbox"/> Identifying when to use $v^2 - u^2 = 2 \times a \times x$ <input type="checkbox"/> Identifying when to use $a = (v - u) \div t$	out of
6	<input type="checkbox"/> Properties of different electromagnetic waves <input type="checkbox"/> Calculating ratios <input type="checkbox"/> Interpreting diagrams and tables of information, including understanding the relationship between frequency and wavelength for waves of the same type (extended writing question) <input type="checkbox"/> Sources of electromagnetic radiation	out of

Total score	Percentage score
	out of 60

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)



Access mwscience.co.uk for
targeted revision based on
the questions from this mock
exam!



B B C BITESIZE Combined Science - Edexcel Physics



↑ BBC Bitesize :
• velocity-time graphs
• typical speeds
• speed calculations
• investigations involving speed
• $a = (v - u) / t$
• $v^2 - u^2 = 2 \times a \times x$



↑ BBC Bitesize :
• $F = m \times a$
• Investigations involving trolleys



↑ BBC Bitesize :
• energy transfer diagrams
• GPE and KE calculations



↑ BBC Bitesize :
• efficiency calculations



↑ BBC Bitesize :
• energy resources



↑ BBC Bitesize :
• Interpreting waveform diagrams
• transverse vs. longitudinal waves
• calculating wave speed
• investigations involving sound waves
• refraction



↑ BBC Bitesize :
• visible light
• properties of electromagnetic waves
• ionising radiation
• sources of electromagnetic radiation



↑ BBC Bitesize :
• atomic structure including isotopes
• how the model of the atom changed over time
• ions and ionisation



↑ BBC Bitesize :
• detecting radiation
• half life calculations
• sources of nuclear radiation



↑ BBC Bitesize :
• dangers of radiation
• background radiation



↑ BBC Bitesize :
• significant figures



↑ BBC Bitesize :
• Analysing experiments