

Yr11 CSP1: Physics Mock Review **FOUNDATION**

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

Q	Content tested (tick if you scored marks)	My score
1	<input type="checkbox"/> Interpreting velocity/time graphs <input type="checkbox"/> Using the equation $F = m \times a$	out of
2	<input type="checkbox"/> Interpreting energy transfer diagrams <input type="checkbox"/> Calculating efficiency <input type="checkbox"/> Advantages and disadvantages of energy resources <input type="checkbox"/> Using the equation $KE = \frac{1}{2} \times m \times v^2$	out of
3	<input type="checkbox"/> How ions are formed <input type="checkbox"/> Forms of ionising radiation <input type="checkbox"/> Properties of different forms of radiation including penetration ability, harm and sources of nuclear radiation <input type="checkbox"/> Calculating ratios including using standard form	out of
4	<input type="checkbox"/> Typical speeds of everyday objects <input type="checkbox"/> Calculating gravitational potential energy changes <input type="checkbox"/> Using a rearranged form of $v^2 - u^2 = 2 \times a \times x$ <input type="checkbox"/> Analysing investigations involving motion of trolleys	out of
5	<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
6	<input type="checkbox"/> Atomic structure including isotopes <input type="checkbox"/> Measuring radiation and sources of background radiation <input type="checkbox"/> Half life calculations (extended writing question) <input type="checkbox"/> Describing how the model of the atom changed over time, including Rutherford's experiment	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