

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	out of
	(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!



BBC			BITESIZE		Combined Science - Edexcel		Physics
							
↑ BBC Bitesize : <ul style="list-style-type: none">• velocity-time graphs• typical speeds• speed calculations• investigations involving speed<ul style="list-style-type: none">• $a = (v - u) \div t$• $v^2 - u^2 = 2 \times a \times x$	↑ BBC Bitesize : <ul style="list-style-type: none">• $F = m \times a$• Investigations involving trolleys	↑ BBC Bitesize : <ul style="list-style-type: none">• energy transfer diagrams• GPE and KE calculations	↑ BBC Bitesize : <ul style="list-style-type: none">• efficiency calculations	↑ BBC Bitesize : <ul style="list-style-type: none">• energy resources	↑ BBC Bitesize : <ul style="list-style-type: none">• Interpreting waveform diagrams<ul style="list-style-type: none">• transverse vs. longitudinal waves• calculating wave speed• investigations involving sound waves• refraction		
							
↑ BBC Bitesize : <ul style="list-style-type: none">• visible light• properties of electromagnetic waves• ionising radiation<ul style="list-style-type: none">• sources of electromagnetic radiation	↑ BBC Bitesize : <ul style="list-style-type: none">• atomic structure including isotopes• how the model of the atom changed over time• ions and ionisation	↑ BBC Bitesize : <ul style="list-style-type: none">• detecting radiation• half life calculations• sources of nuclear radiation	↑ BBC Bitesize : <ul style="list-style-type: none">• dangers of radiation• background radiation	↑ BBC Bitesize : <ul style="list-style-type: none">• significant figures	↑ BBC Bitesize : <ul style="list-style-type: none">• Analysing experiments		